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इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

भाग III—खण्ड 2

[PART III—SECTION 2]

[पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस]
[Notifications and Notices Issued by the Patent Office relating to Patents and Designs]

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PATENTS AND DESIGNS
Kolkata, the 17th July 2004

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and Goa and the Union
Territories of Daman and
Diu & Dadra and Nagar Haveli.

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Fax Nos. (022) 2495 0622, 2490 3852
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Uttar Pradesh and Delhi and the
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Phone Nos. (011) 2587 1255, 2587 1256,
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E-mail: delhipatent@vsnl.net

3. Patent Office Branch,
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443, Annasalai, Teynampet,
Chennai-600 018.

The States of Andhra Pradesh,
Karnataka, Kerala, Tamil Nadu and
Pondicherry and the Union
Territories of Laccadive, Minicoy and
Aminidivi Islands.

Telegraphic Address "PATENTOFFIC"

Phone Nos. (044) 2431 4324/4325/4326.

Fax Nos. (044) 2431 4750/4751.

E-mail. patentchennai@vsnl.net

4. Patent Office (Head Office),
Nizam Palace, 2nd M.S.O. Building,
5th, 6th & 7th Floor,
234/4, Acharya Jagadish Bose Road,
Kolkata-700 020.

Rest of India

Telegraphic Address "PATENTS"

Phone Nos. (033) 2247 4401/4402/4403.

Fax Nos. (033) 2247 3851, 2240 1353.

E-mail. patentin@vsnl.com

patindia@giasci01.vsnl.net.in

Website : http://www.Ipindia.nic.in

All applications, notices, statements or other documents or any fees required by the Patents Act, 1970 and the Patents (Amendment) Act, 2002 or by The Patents Rules, 2003 will be received only at the appropriate offices of the Patent Office.

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पेटेंट कार्यालय

एकस्व तथा अभिकल्प

कोलकाता, दिनांक 17 जुलाई 2004

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कोलकाता में अवस्थित है तथा मुम्बई, दिल्ली एवं चेन्नई में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जोन के आधार पर निम्न रूप में प्रदर्शित हैं:—

1. पेटेंट कार्यालय शाखा,

टोडी इस्टेट, तीसरा तल,

सन मिल कम्पाउंड,

लोअर पेरल (वेस्ट),

मुम्बई - 400 013।

गुजरात, महाराष्ट्र, मध्य प्रदेश तथा

गोआ राज्य क्षेत्र एवं

संघ शासित क्षेत्र, दमन तथा दीव एवं

दादर और नगर हवेली।

तार पता : "पेटेफिस"

फोन : (022) 2492 4058, 2496 1370, 2492 3684, 2490 3852

फैक्स : (022) 2495 0622, 2490 3852

ई. मेल : patmum@vsnl.net

2. पेटेंट कार्यालय शाखा,

डब्ल्यू-5, वेस्ट पटेल नगर,

नई दिल्ली - 110 008।

हरियाणा, हिमाचल प्रदेश, जम्मू

तथा कश्मीर, पंजाब, राजस्थान,

उत्तर प्रदेश तथा दिल्ली राज्य

क्षेत्रों एवं संघ शासित क्षेत्र चंडीगढ़।

तार पता : "पेटेंटोफिक"

फोन : (011) 2587 1255, 2587 1256, 2587 1257,

2587 1258.

फैक्स : (011) 2587 1256.

ई. मेल : delhipatent@vsnl.net

3. पेटेंट कार्यालय शाखा,

गुना कम्प्लेक्स, छठा तल, एनेक्स-II,

443, अन्नासलाई, तेनामपेट,

चेन्नई - 600 018।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु

तथा पाण्डिचेरी राज्य क्षेत्र एवं संघ

शासित क्षेत्र लक्षद्वीप, मिनीकाय तथा एमिनिदिवि द्वीप।

तार पता - "पेटेंटोफिक"

फोन : (044) 2431 4324/4325/4326.

फैक्स : (044) 2431 4750/4751.

ई. मेल : patentchennai@vsnl.net

4. पेटेंट कार्यालय (प्रधान कार्यालय),

निजाम पैलेस, द्वितीय बहुतलीय कार्यालय

भवन, 5वां, 6वां व 7वां तल,

234/4, आचार्य जगदीश बोस मार्ग,

कोलकाता - 700 020।

भारत का अवशेष क्षेत्र।

तार पता - "पेटेंट्स"

फोन : (033) 2247 4401/4402/4403.

फैक्स : (033) 2247 3851, 2240 1353.

ई. मेल : patentin@vsnl.com

patindia@giasci01.vsnl.net.in

वेब साइट : http://www.Ipindia.nic.in

पेटेंट अधिनियम, 1970 तथा पेटेंट (संशोधन) अधिनियम, 2002 अथवा पेटेंट नियम, 2003 द्वारा अपेक्षित सभी आवेदन, सूचनाएं, विवरण या अन्य दस्तावेज या कोई फीस पेटेंट कार्यालय के केवल समुचित कार्यालय में ही ग्रहण किए जाएंगे।

शुल्क : शुल्कों की अदायगी या तो नकद की जाएगी अथवा जहां उपयुक्त कार्यालय अवस्थित हैं, उस स्थान के अनुसूचित बैंक से निर्यातक, पेटेंट को भुगतान योग्य बैंक ड्राफ्ट अथवा बैंक द्वारा की जा सकती है।

**APPLICATION FOR THE PATENT OFFICE AT PATENT OFFICE,
DELHI BRANCH, W-5 WEST PATEL NAGAR, NEW DELHI -110 008.**

11/05/2004

New Application No	Applicant Details
849/DEL/2004	Microsoft Corporation, at One Microsoft Way, Redmond, Washington 98052, USA.. "Time-aware best-effort hole-filling retry method and system for network communications." (Con. 13/6/2003, United States of America)
850/DEL/2004	Microsoft Corporation, at One Microsoft Way, Redmond, Washington 98052, USA.. "Shadow paging." (Con. 30/5/2003, United States of America)
851/DEL/2004	Microsoft Corporation, at One Microsoft Way, Redmond, Washington 98052, USA.. "Positional access using A B-Tree." (Con. 30/5/2003, United States of America)
852/DEL/2004	Microsoft Corporation, at One Microsoft Way, Redmond, Washington 98052, USA.. "Fast start-up for digital video streams." (Con. 13/6/2003, United States of America)
853/DEL/2004	Microsoft Corporation, at One Microsoft Way, Redmond, Washington 98052, USA.. "Discriminative training of language models for text and speech classification." (Con. 3/6/2003, United States of America)
854/DEL/2004	Microsoft Corporation, at One Microsoft Way, Redmond, Washington 98052, USA.. "Intelligent default selection in an on-screen keyboard." (Con. 10/6/2003, United States of America)
855/DEL/2004	Microsoft Corporation, at One Microsoft Way, Redmond, Washington 98052, USA.. "Apparatus, systems and methods relating to an improved media player." (Con. 30/5/2003 and 27/2/2004, United States of America)
856/DEL/2004	Microsoft Corporation, at One Microsoft Way, Redmond, Washington 98052, USA.. "Apparatus, systems and methods relating to improved user interaction with a computing device." (Con. 60/474,686 and 10/788,813, United States of America)
857/DEL/2004	Microsoft Corporation, at One Microsoft Way, Redmond, Washington 98052, USA.. "System and method for resizing a database." (Con. 30/5/2003, United States of America)
858/DEL/2004	Ohari, Vijay Kumar, 279/98, Pandariba, Lucknow-226004, UP. "Heral composition for the treatment of viral hepatitis and drug induced jaundice and method for the preparation thereof."
859/DEL/2004	Chandrakant Benjwal, Vill Benji, PO Silli Agustimuni, Distt. Rudrapryag, Uttranchal.. "Electricity generation by sea wave."
860/DEL/2004	Ranbaxy Laboratories Limited, 19, Nehru Place, N.Delhi.. "Oral dosage form for the extended release of biguanide and sulfonylurea."

12/5/2004

861/DEL/2004	National Institute of Immunology, Aruna Asaf Ali Marg, N.Delhi.. "A vaccine for the development of immunological memory from a single dose."
862/DEL/2004	Government High School Mehtan, Teh. Phagwara, Distt. Kapurthala, Punjab, India.. "A device for visual understanding of geometrical theorems."
863/DEL/2004	Council of Scientific and Industrial Research, Rafi Marg, N.Delhi.. "A new antiviral agent from Indian Horse Chestnut (Aesculus Indica)"

864/DEL/2004	Smithkline Beecham P.L.C., New Horizons Court, Brentford, Middlesex TW 8 8EP, England. "A compound of formula(A)." (Con. 16/8/1996 & 11/9/1996, United-Kingdom)
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13/5/2004

865/DEL/2004	Genesys Telecommunications Laboratories, Inc., 2001 Junipero Serra Blvd., Daly City, CA 94014, USA. "Method and system for enabling automated and real-time discovery of skills available to agents and systems in a multimedia communications network" (Con. 05/06/2003, United States of America)
866/DEL/2004	Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052, USA. "Selective pre-authentication to anticipated primary wireless access points" (Con. 03/06/2003, United States of America)
867/DEL/2004	Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052, USA. "Supplicant and authenticator intercommunication mechanism independent of underlying data link and physical layer protocols" (Con. 03/06/2003, United States of America)
868/DEL/2004	Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052, USA. "Providing contention free quality of service to time constrained data" (Con. 03/06/2003, United States of America)
869/DEL/2004	Ilora Ghosh and Kasturi Datta, Biochemistry Laboratory, School of Environmental Science, Jawaharlal Nehru University, N.Delhi.. "A Kit for detecting fertility."
870/DEL/2004	National Institute of Immunology, Aruna Asaf Ali Marg, N.Delhi.. "A method for enhancing foreign gene expression in baculovirus expression vector system and a method of producing recombinant protein products."
871/DEL/2004	Dhiraj Sinha C/o Uday Kumar, B-138, Bharat Appartments, Shalimar Garden Extn., 2, Sahibabad, UP.. "Security Ring."
872/DEL/2004	Arjan Implex Pvt. Ltd., AG-100, Sanjay Gandhi Transport Nagar, Delhi.. "Portable double diner."
873/DEL/2004	Arjan Implex Pvt. Ltd., AG-100, Sanjay Gandhi Transport Nagar, Delhi.. "Pet feeding station."

14/5/2004

874/DEL/2004	Research In motion Limited, 295 Phillip Street, Waterloo, Ontario N2L 3W8, Canada.. "Antenna with multiple-band patch and slot structures." (Con. 14/5/2003, EP)
875/DEL/2004	Hauni Maschinenbau AG, Kurt-A.-Korber-Chaussee 8-32, 21033 Hamburg, Germany.. "Method for separating tobacco from A tobacco cake as well as apparatus for carrying out the method." (Con. 16/5/2003, EP)
876/DEL/2004	Honda Motor Co., Ltd., 1-1, Minamiaoyama 2-chome, Minato-ku, Tokyo, Japan. "Engine driven working machine" (Con. 23/05/2003, Japan)
877/DEL/2004	Bose Corporation, Mountain, Framingham, Massachusetts 01701-9168, USA. "Electromagnetic interference filter" (Con. 02/06/2003, United States of America)
878/DEL/2004	Honda Motor Co., Ltd., 1-1, Minamiaoyama 2-chome, Minato-ku, Tokyo, Japan. "Engine driven working machine" (Con. 23/05/2003, Japan)
879/DEL/2004	Bose Corporation, Mountain, Framingham, Massachusetts 01701-9168, USA. "Convertible automobile sound system equalizing" (Con. 09/06/2003, United States of America)
880/DEL/2004	Chaudhary Charan Singh Haryana Agricultural University, Hisar - 125004, . "A process

	for preparation of anti theileriosis vaccine."
881/DEL/2004	Siemens Building Technologies AG, Bellerivestrasse 36, 8008, Zurich, Switzerland.. "Manually operated hazard-warning alarm." (Con. 28/5/2003, EP)
882/DEL/2004	Technological Resources Pty Limited, 55, Collins Street, Melbourne, VIC 3000 Australia.. "Combined ironmaking and steelmaking plant." (Con. 15/5/2003, Australia)
883/DEL/2004	Indian Institute of Technology, Hauz Khas, N ^o Delhi.. "A system for achieving broadband, lossless flat-gain raman amplification by using an asymmetrical twin-core fibre."

17/5/2004

884/DEL/2004	General Electric Company, One River Road, Schenectady, New York 12345, USA.. "Rotor body containment shell with reduced windage losses." (Con. 29/5/2003, United States of America)
885/DEL/2004	General Electric Company, One River Road, Schenectady, New York 12345, USA.. "Electrode materials for Electric lamps and methods of Manufacturer thereof." (Con. 30/8/2003, United States of America)
886/DEL/2004	Marozhukayil Joseph Jose, 65-C, Pocket J&K, Dilshad Garden, Delhi.. "A new drug (Ayurvedic) in the form of a tablet to cure bronchital asthma, cough and tuberculosis."
887/DEL/2004	Atofina Chemicals, Inc., 2000 Market Street, Philadelphia, Pennsylvania 19103-3222, USA. "Triarylsilyl(METH) Acryloyl-containing polymers for marine coating compositions." (Con. 21/5/2003 & 10/11/2003, United States of America)
888/DEL/2004	Honda Motor Co. Ltd., 1-1, Minamiaoyama 2-chome, Minato-ku, Tokyo, Japan.. "Electric vehicle." (Con. 30/5/2003, Japan)
889/DEL/2004	Honda Motor Co. Ltd., 1-1, Minamiaoyama 2-chome, Minato-ku, Tokyo, Japan.. "Under-seat structure for a motorcycle." (Con. 30/5/2003, Japan)
890/DEL/2004	Thomson Licensing S.A., 46, Quai A. Le Gallo, 92400 Boulogne-Billancourt, France.. "Process of navigation for the selection of document associated with identifiers, and apparatus implementing the process." (Con. 28/5/2003, France)
891/DEL/2004	KCW Corporation, 400-86, Galsan-dong, Dalseo-gu, Daegu, Korea.. "Wiper Blade assembly for motor vehicle." (Con. 7/11/2003 & 6/2/2004, Korea)
892/DEL/2004	Hyundai Motor Company, 231, Yangjae-dong, Seocho-ku, Seoul, Korea.. "Oil Pump Structure." (Con. 19/5/2003, Korea)
893/DEL/2004	General Electric Company, One River Road, Schenectady, New York, 12345, USA. "Nozzle Interstage seal for Steam turbines." (Con. 29/5/2003, United States of America)

18/5/2004

894/DEL/2004	Sh. Pratap Singh Vasandi, D-6/8, Sector-6, Rohini, Delhi.. "Modified Science on Chemistry/Astrology Portion-I."
895/DEL/2004	Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052-6399, USA. "Interactive content without embedded triggers." (Con. 24/6/2003, United States of America)
896/DEL/2004	Punjab University, Sector-14, Chandigarh 160014, India.. "A process for preparation of Organic Fertilizer."
897/DEL/2004	Punjab University, Sector-14, Chandigarh 160014, India.. "A process for preparation of organic fertilizer."

19/5/2004

898/DEL/2004	Whirlpool of India Ltd., 7th Floor, Atma Ram house, I, Tolstoy Marg, New Delhi-110001, India.. "Frost Control in direct cool refrigerators."
899/DEL/2004	Satbir Singh Gulia, Village & P.O. Badli, Distt. Jhajjar, Haryana (India).. "An apparatus for generating constant and good quality electric energy by using sea waves power."
900/DEL/2004	Satbir Singh Gulia, Village & P.O. Badli, Distt. Jhajjar, Haryana (India).. "An apparatus for generating constant and good quality electric energy by using wind power."
901/DEL/2004	Satbir Singh Gulia, Village & P.O. Badli, Distt. Jhajjar, Haryana (India).. "An apparatus for generating constant and good quality electric energy by using animal power."
902/DEL/2004	Marozhukayil Joseph Jose, 65-C, Pocket J & K, Dilshad Garden, Delhi-110095.. "A composition useful for treatment in chronic respiratory disorders."
903/DEL/2004	Marozhukayil Joseph Jose, 65-C, Pocket J & K, Dilshad Garden, Delhi-110095.. "A process for the prepration of a composition useful for treatment in chronic respiratory disorders."
904/DEL/2004	Ranbaxy Laboratories Limited, 19, Nehru Place, N.Delhi.. "A simple process for the prepration of esters of purine derivatives."
905/DEL/2004	Ranbaxy Laboratories Limited, 19, Nehru Place, N.Delhi.. "An efficient process for prepration of 1,2-diamines."
906/DEL/2004	Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052, USA. "Mechanism for Asynchronous components to be application framework agnostic." (Con. 13/6/2003, United States of America)
907/DEL/2004	Sulzer Hexis AG, Zurcherstrasse 48, CH-8400 Winterthur, Switzerland.. "A measuring apparatus for monitoring residual oxygen in an exhaust gas."
908/DEL/2004	Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052, USA. "Web Page Rendering mechanism using external programmatic themes." (Con. 13/6/2003, United States of America)
909/DEL/2004	Arvinmeritor Technology, LLC, 2135 West maple, Troy, Michigan 48084, USA. "Plastic molded center tube assembly." (Con. 27/5/2003, United States of America)
910/DEL/2004	Microsoft Corporation, at One Microsoft Way, Redmond, Washington 98052, USA.. "Stereo-coupled face shape registration." (Con. 30/6/2003, United States of America)

20/5/2004

911/DEL/2004	E-Lead Electronic Co. Ltd., No. 37, Gungdung 1st Rd., Shengang Shiang, Changhua, Taiwan, R.O.C., "Noise-Free Low-Power Consumption wide voltage range DC and AC Contactor."
912/DEL/2004	Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052, USA. "Prevention of outgoing spam." (Con. 20/6/2003, United States of America)
913/DEL/2004	Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052, USA. "Advanced spam Detection Techniques." (Con. 23/6/2003, United States of America)
914/DEL/2004	Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052, USA. "Obfuscation of spam filter." (Con. 20/6/2003, United States of America)
915/DEL/2004	Hauni Maschinenbau AG, Kurt-A.-Korber-Chaussee 8-32, 21033 Hamburg, Germany.. "A method for cleaning a grinding tool coated with cubic boron nitride within an apparatus for separating tobacco from a tobacco cake and apparatus for carryng out the

	same." (Con. 20/5/2003, EP)
916/DEL/2004	Gohsho Company Limited, 385, Shimizuarai, Showa-cho, Nakakoma-gun, Yamanashi, Japan.. "Container capable of keeping a lengthwise contracted state and contraction method thereof." (Con. 28/5/2003, Japan)
917/DEL/2004	Lawer S.p.A., Via Amendola, 12/14, I-13836, Cossato (Biella), Italy.. "An arrangement for metering fluids, for instance for for textile plants." (Con. 9/9/2003, EP)
918/DEL/2004	Council of Scientific and Industrial Research, Rafi Marg, N.Delhi.. "DNA based number system and arithmetic."

21/5/2004

919/DEL/2004	Snecma Moteurs, 2, Boulevard du General Martial Vallin, 75015, Paris, France.. "Method of manufacturing A Hollow blade for a turbine engine." (Con. 27/5/2003, France)
920/DEL/2004	Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052, USA. "Method and apparatus for protecting regions of an electronic document." (Con. 11/6/2003, United States of America)
921/DEL/2004	Mayer, Yaron 21, Ahad Haam St., 92151, Jerusalem, Israel and Baur, Al. J.C., Kibbutz Ramat Hashofet 19238, Israel.. "System and method for coupling polypropylene to other materials and ther resulting composition." (Con. 21/5/2003, Canada)
922/DEL/2004	Voytech Automation Pvt. Ltd., 110, Godavari Appartments, Alakananda, New Delhi.. "Universal admission system and method."
923/DEL/2004	Bhartiya Shiv Parsad, H.No. 200, Palace Road, Solan-173212, HP. and other. "Miraciline."

24/5/2004

924/DEL/2004	Yadvendra Kumar Agrawal, 9, Professor Qtrs., Gujarat University Campus, Navrangpura, Ahmedabad-380 009 and Devraj Aiyar, Laxmi Villa, 1st Floor, 678, Katrak Road, Wadala, Mumbai-400031, India.. "A process for prepration of acid chloride of calix (4) arene."
925/DEL/2004	Mohan Lal Agarwal, Chandople Bazar, Jaipur-301001, Rajasthan, India.. "A multipurpose watch."
926/DEL/2004	Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052-6399, USA. "Software image creation in a distributed build environment." (Con. 24/6/2003, United States of America)
927/DEL/2004	Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052, USA. "Mechanism for exposing shadow copies in a networked environment." (Con. 13/6/2003, United States of America)
928/DEL/2004	Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052, USA. "System and method for managing cached objects using notification bonds." (Con. 19/6/2003, United States of America)
929/DEL/2004	Compagnie Generale De Dietetique, 97-99, rue du General moulin, 14050, Caen, France.. "Biological method of obtaining a food prepration with a base of haem iron, as well as the food prepration obtained by implementing the method." (Con. 4/6/2003, France)
930/DEL/2004	Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052, USA. "Database object script generation method and system." (Con. 6/6/2003, United States)

	of America)
931/DEL/2004	Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052-6399, USA. "Compressing and decompressing EPG Data." (Con. 27/6/2003, United States of America)
932/DEL/2004	Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052, USA. "Automatic task generator method and system." (Con. 6/6/2003, United States of America)
933/DEL/2004	Snecma Moteurs, 2, Boulevard du General Martial Vallin, 75015, Paris, France.. "Method of manufacturing a hollow blade for a turbine engine." (Con. 27/5/2003, France)
934/DEL/2004	Snecma Moteurs, 2, Boulevard du General Martial Vallin, 75015, Paris, France.. "Hollow fan blade for turbine engine and method of manufacturing such a blade." (Con. 27/5/2003, France)
935/DEL/2004	Pfizer Products Inc., Eastern Point Road, Groton, Connecticut 06340, USA. "4-Carboxyamino-2-substituted-1,2,3,4-tetrahydroquinoline." (Con. 30/11/1999, United States of America)
936/DEL/2004	Dr. Robert S. Neuwirth, 400 Gloucester Street, Englewood, New Jersey 07631, USA. "A pharmaceutical composition for treating endometrial mucosa of the uterus." (Con. 12/5/1997, United States of America)

25/5/2004

937/DEL/2004	Puneet Jain, C/o Mr. B.K. Malviya, B-67, NDSE-II, N. Delhi.. "Process of making new design for personal care collapsible tubes."
938/DEL/2004	Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052-6399, USA. "Power profiling." (Con. 30/6/2003, United States of America)
939/DEL/2004	Interdigital Technology Corporation, 913, Market Street, Suite 802, Wilmington, Delaware 19801, USA. "Spread spectrum system and method." (Con. 4/1/1995, United States of America)
940/DEL/2004	Interdigital Technology Corporation, 913, Market Street, Suite 802, Wilmington, Delaware 19801, USA. "Spread spectrum system and method." (Con. 4/1/1995, United States of America)
941/DEL/2004	Piaggio & C. S.p.A., Viale Rinaldo Piaggio 25-Pontedera (Pisa), Italy.. "Coupling system between frame and rear engine-suspension group of a motor vehicle." (Con. 26/5/2003, Italy)
942/DEL/2004	Piaggio & C. S.p.A., Viale Rinaldo Piaggio 25-Pontedera (Pisa), Italy.. "Attachment structure between driving-wheel and engine, in particular for motor vehicle." (Con. 27/5/2003, Italy)
943/DEL/2004	Research in Motion Limited, 295 Phillip Street, Waterloo, Ontario N2L 3W8, Canada.. "Method and apparatus for handling a charging state in a mobile electronic device." (Con. 27/5/2003, Great Britain)
944/DEL/2004	Switched Reluctance Drives Limited, East Park House, Otley Road, Harrogate, North Yorkshire HG3, 1PR, UK.. "Rotor position detection of a switched reluctance drive." (Con. 4/6/2003, Great Britain)

26/5/2004

945/DEL/2004	A-55, Inc., 5270 Neil Road, Reno, Nevada 89502, USA. "Aqueous emulsion fuels from
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	petroleum residuum-based fuel oils." (Con. 22/4/1998, United States of America)
946/DEL/2004	Motorola Inc., 1303 East Algonquin Road, Schaumburg, Illinois 60196, USA. "A computing apparatus for determining signal propagation characteristics for a known environment." (Con. 31/3/1995, United States of America)
947/DEL/2004	Family Health International, 2224, Chapel Hill-Nelson Highway, Durham, NC 27713; USA. "A method of producing a vas irrigation kit."
948/DEL/2004	Pfizer Products Inc., Eastern Point Road, Groton, Connecticut 06340, USA. "A process for preparing (-) (2R,4S)-4-(3,5-bis-trifluoromethyl-benzylamino)-2--ethyl-6-trifluoromethyl-3,4-dihydro-2H-quinoline-1-carboxylic acid ethyl ester, 4-toluene-sulfonate." (Con. 30/11/1999, United States of America)
949/DEL/2004	GE Medical Systems Global Technology Company LLC, 3000 North Grandview Boulevard, Waukesha, Wisconsin 53188-1696, USA. "Method of sector probe driving and ultrasound diagnostic apparatus." (Con. 9/6/2003, Japan)

27/5/2004

950/DEL/2004	Dr. Banerji, Jyoti Bhushan, Secretary, Viklang Kendra Rural Research Society, 13, Lukerganj, Allahabad-211001, UP.. "Prayagraj Bamboo tricycle model-1"
951/DEL/2004	Instytut Katalizy i Fizykochemii Powierzchni Pan, 30-239, Krakow, ul. Niezapominajek 8 Poland and Instytut Chemii Prezemyslowej, 01-793 Warszawa, ul. Rydygiera 8, Poland.. "A process for the oxidation of cyclohexane to cyclohexanol and cyclohexanone."
952/DEL/2004	Gateway BioResearch Ltd., 1 Berkeley Street, London W1J 8DJ, UK.. "Treatment of obesity and accompanying disorders by PYY gene therapy."
953/DEL/2004	Gateway BioResearch Ltd., 1 Berkeley Street, London W1J 8DJ, UK.. "Development of Pharmacological treatment of obesity in post-menopausal women using a combination of melanotan-II(MT-II) and selective estrogen receptor modulators(SERMS)"
954/DEL/2004	Gateway BioResearch Ltd., 1 Berkeley Street, London W1J 8DJ, UK.. "Induction of Hepatic Ketone Body Formation as a pharmacologically controllable avenue for treatment of obesity and metabolic disorders associated with obesity."
955/DEL/2004	Gateway BioResearch Ltd., 1 Berkeley Street, London W1J 8DJ, UK.. "Identification and characterization of Ghrelin acylating enzymes in Gastric Mucosa as Drug targets for treatment of metaolic disorders associated with obesity."
956/DEL/2004	Gateway BioResearch Ltd., 1 Berkeley Street, London W1J 8DJ, UK.. "Exploitation of gene products expressed in intra-abdominal fat cells as drug targets for treatment of metabolic disorders associated with obesity."
957/DEL/2004	Gateway BioResearch Ltd., 1 Berkeley Street, London W1J 8DJ, UK.. "Elimination of endogenous dipeptidyl peptidase-IV (DPP-IV) as drug treatment of type 2-diabets and impaired glucose tolerance."
958/DEL/2004	Gateway BioResearch Ltd., 1 Berkeley Street, London W1J 8DJ, UK.. "Exploitation of BMP-9 analogues as abthyperglycaemic agents and appetite suppressants."
959/DEL/2004	Maruti Udyog Ltd., 11th Floor, Jeevan Prakash Building, 25, K.G.Marg, N.Delhi.. "Brake and fuel pipes for use in vehicles."
960/DEL/2004	The Secretary, Department of Biotechnology, Block 2, (7-8 Floor) C.G.O. Complex, Lodi Road, N.Delhi.. "An improved process for oak tasar (Antheraea Proylei J.) cocoon cooking using pineapple extract."
961/DEL/2004	Central Council For Research in Ayurveda and Siddha, 61-65, Institutional Area, Opp. D

	Block, Janakpuri, N.Delhi.. "A herbal prepration for combating stress borne syndrome in extreme cold conditions."
962/DEL/2004	The Director, Forest Research Instiute, P.O. New Forest, Dehra Dun-248006, India.. "An apparatus for treatment of green bamboo."
963/DEL/2004	The Director, Forest Research Instiute, P.O. New Forest, Dehra Dun-248006, India.. "Lingnin-Copper Complex A&B."
964/DEL/2004	The Director General, Defence Research & Development Organisation, Ministry of Defence, Govt of India, Dte of ER & IPR/IPR Group, West Block 8, Wing 1, R.K.Puram, N.Delhi.. "A process for the production of bioemulsifier using a consorium of marine oil degrading bacteria."
965/DEL/2004	Dextra Asia Co. Ltd., 247 Sarasin Road, Lumpini, Pathumwan, Bangkok 10330, Thailand.. "Forging machine for the upsetting of deformed reinforcement bars."
966/DEL/2004	Rohm And Haas Company, 100 Independence Mall West, Philadelphia, Pennsylvania, 19106-2399, USA. "Method for marking hydrocarbons with substituted anthraquinones." (Con. 13/6/2003, United States of America)
967/DEL/2004	Solvay Pharmaceuticals GMBH, Hans-Bockler-Allee 20, D-30173, Hannover, Germany.. "3-Phenyl-3,7-Diazabicyclo[3.3.1]nonane compounds and medicaments containing these compounds." (Con. 28/6/2001, Germany)
968/DEL/2004	Mitsui Chemicals, Inc., 5-2, Higashi-Shimbashi, 1-chome, Minato-ku, Tokyo 105-7117, Japan.. "Method for producing organic compound by substituted halogen atoms." (Con. 14/6/2003, Japan)
969/DEL/2004	Ciuncil Of Scientific & Industrial Research, Rafi Marg, New Delhi-110001, India . "Herbal extract of salicornia species, process of preparation therof, use thereof against tuberculosis"

28/5/2004

970/DEL/2004	Prabhat Kumar & Shivani Kumar, V-8, First Floor, Green Park Extn., N.Delhi.. "Device for human body support area interface heat control and method thereof."
971/DEL/2004	Prabhat Kumar, V-8, First Floor, Green Park Extn., N.Delhi.. "Hand and Face Drier."
972/DEL/2004	Prabhat Kumar & Ranjana Kumar, V-8, First Floor, Green Park Extn., N.Delhi.. "Device for body heat dissipation and method thereof."
973/DEL/2004	MMI Corporation, Bank of Nova Scotia Building, P.O. Box 30088, S.M.B., George Town, Grand Cayman, Cayman Islands, British West Indies.. "Natural sedative composition, process for obtaining the same and pharmaceutical formulations thereof."
974/DEL/2004	Instytut Katalizy i Fizykochemii Powierzchni PAN, 30-239 Krakwo, ul. Niezapominajek 8, Poland, & Instytut Chemii Przemyslowej, 01-793 Warszawa, ul. Rydygiera 8, Poland. "A process for the oxidation of cyclohexane to cyclohexanol and cyclohexanone"
975/DEL/2004	Dr. Jay Prakash Raika, C/o Bhag Singh Panwar, Pana Ghilan, Near Dholi Choupal, V.P.O. Murthal, Distt. Sonipat, Haryana. "Advanced Intravenous Infusion set."
976/DEL/2004	Santokh Singh, 93/2, Street Npo.8, Rajender Nagar, Dehradun-248001, Uttranchal, India.. "To produce potable water from water vapour present in air and simult aneously keeping food items cool."
977/DEL/2004	Microsoft Corporation, at One Microsoft Way, Redmond, Washington 98052, USA.. "Architecture for connecting a remote client to a local client desktop." (Con. 6/6/2003, United States of America)

978/DEL/2004	Pfizer Products Inc., of Eastern point road, Groton, Connecticut 06340, USA.. "Azitharomycin dosage forms with reduced side effects." (Con. 4/12/2003 & 23/1/2004, United States of America)
979/DEL/2004	Microsoft Corporation, at One Microsoft Way, Redmond, Washington 98052, USA.. "Origination/destination featyures and lists for spam prevention." (Con. 4/6/2003, United States of America)
980/DEL/2004	Research In Motion Limited, 295 Phillip Street, Waterloo, Ontario N2L 3W8, Canada. "System and methods for provisioning a service for a communication device" (Con. 30/05/2003, Europe)
981/DEL/2004	Microsoft Corporation, One Microsoft Way, Remond, Washington 98052, USA.. "Systems and methods for employing tagged types in a dynamic runtime environment." (Con. 10/6/2003, United States of America)
982/DEL/2004	Microsoft Corporation, One Microsoft Way, Remond, Washington 98052, USA.. "System and method sfor determining the location dynamics of a portable computing device." (Con. 30/6/2003, United States of America)
983/DEL/2004	Microsoft Corporation, at One Microsoft Way, Redmond, Washington 98052, USA.. "Use of a bulk-email filter within a system for classifying messages for urgency or importance." (Con. 30/6/2003, United States of America)
984/DEL/2004	Colgate-Palmolive Company, 300 Park Avenue, New York, New York 10022, USA. "A visually clear gel dentifrice " (Con. 01/06/1995, United States of America)
985/DEL/2004	E.I. Du Pont De Nemours & Company, manufacturers of Wilmington, Delaware, USA. "A continuous process for preparing a new basic-dyeable ethylene terephthalate copolyster polymer" (Con. 12/02/1997, United States of America)

31/5/2004

986/DEL/2004	Andrew Corporation, 10500 West 153rd Street, Orlando Park, IL 60462, USA. "Axial compression electrical connector" (Con. 28/07/2003, 20/02/2004, U.S.A.)
987/DEL/2004	Andrew Corporation, 10500 West 153rd Street, Orlando Park, IL 60462, USA. "Coaxial cable connector installable with common tools" (Con. 23/07/2003, 29/03/2004, United States of America)
988/DEL/2004	International Flavors & Fragrances Inc., 521, West 57th Street, Law Department-10th Floor, New York, New York 10019, USA. "Polyalkylbicyclic derivatives." (Con. 26/9/2003, United States of America)
989/DEL/2004	Ranbaxy Laboratories Limited, 19, Nehru Place, N.Delhi.. "Stable pharmaceutical compositions comprising nateglinide."
990/DEL/2004	Ranbaxy Laboratories Limited, 19, Nehru Place, N.Delhi.. "A process for the prepration of atorvastatin."
991/DEL/2004	Ranbaxy Laboratories Limited, 19, Nehru Place, N.Delhi.. "Adrenergic receptor antagonists."
992/DEL/2004	Ranbaxy Laboratories Limited, 19, Nehru Place, N.Delhi.. "Adrenergic receptor antagonists."
993/DEL/2004	STMicroelectronics Pvt. Ltd., Plot No. 2,3 & 18, Sector 16A, Institutional Area, Noida-2013001, UP, India.. "A downloadable firmware over the air via bluetooth short-range wireless technology."
994/DEL/2004	Ashok Kumar Dhiman, Vill : Firozpur, P.O. Gadhi Kotaha, Panchkula 134204, Haryana..

	"Tea Making machine "
995/DEL/2004	Sukhranjan Mistri, Vill. Dev Nagar, PO-Shaktifarm, Distt. Udham Singh Nagar, Uttranchal, India. "Tile Making machine."
996/DEL/2004	Motorola Inc., 1303 East Algonquin Road, Schaumburg, Illinois 60196, USA. "Messaging system and method having roaming capability and controlled group messaging." (Con. 9/3/1995, United States of America)
997/DEL/2004	Microsoft Corporation, One Microsoft Way, Remond, Washington 98052-6399, USA. "Three way validation and authentication of boot files transmitted from server to client." (Con. 27/6/2003, United States of America)

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/ 01432 A (22) Date of filing of : 22/11/2002
application
(54) Title of the Invention : "BASE STATION APPARATUS AND RADIO
COMMUNICATION METHOD."

(51) International classification : H04B 7/26 (30) Priority Data : (31) Document No. 2001-121542 (32) Date : 19/04/2001 (33) Name of convention country : JP (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA	(71) Name of the Applicant : MATSUSHITA ELECTRIC INDUSTRIAL CO. LTD., 1006 OAZA KADOMA, KADOMA SHI, OSAKA 571 8501, JAPAN. (72) Name of the Inventors : SUDO HIROAKI
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(57) Abstract : A base station (10) performs bi-directional radio communications with terminal stations apparatuses using communication frames each having time slots and being composed of a first region with a predetermined open-loop period and a second region with an open-loop period shorter than the open-loop period of the first region. A level detecting section (21) detects a received level of an uplink slot configured in the second region. A transmission diversity section (14) performs diversity transmission on a downlink transmission signal assigned to a downlink slot corresponding to the uplink slot, corresponding to a result of detection of the received level. It is thereby possible to enhance the effect of improving the received quality due to transmission diversity without degrading the transmission efficiency.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/ 01433 A (22) Date of filing of : 22/11/2002
application
(54) Title of the Invention : "ASSEMBLY AND METHOD FOR USE IN TERMINATING AN OPTICAL FIBRE OR FIBRES."

(51) International classification : G02B 6/38	(71) Name of the Applicant : KRONE
(30) Priority Data :	GMBH, GERMANY, OF
(31) Document No. 0014308.1, 0102284.7	BEESKOWADAMM 3-11 14167 BERLIN, A
(32) Date : 12/06/2000 & 29/01/2001	GERMAN COMPANY.
(33) Name of convention country : GB	
(66) Filed U/s 5(2) :NIL	(72) Name of the Inventors :
(61) Patent of addition to application No. NA	1. MURRAY, DAVID, PATRICK,
(62) Filed on :NA	2. GEORGE, IAN,
(63) Divisional to Application No. :NIL	3. ELLIOTT, NEIL, DAVID.
(64) Filed on :NA	

(57) Abstract : An assembly for use in terminating an optical fibre comprises an outer body (10, a first member (11) locatable in the outer body (10) and which carries a protruding length of optical fibre (36) which locates an alignment means (44, 45) and housing (12) locatable in alignment with the first member (11). The housing (12) has an access opening for receiving an optical fibre (52, 53) to be terminated so that the fibre can be located in the alignment means in abutment with the optical fibre length (35). The housing has a compartment (47) which receives a heat responsive adhesive element (57). A saddle (58) and a resistor (59), when a current is passed through the resistor, the heat generated is transmitted by the saddle to the adhesive which melts and flows around the optical fibre (52, 53) to secure it in position in abutment with the optical fibre length (35).

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/ 01435 A (22) Date of filing of : 22/11/2002
application
(54) Title of the Invention : "METHOD AND INSTALLATION FOR MANUFACTURING
CENTRIFUGED GLASS FIBRE – REINFORCED PIPES."

(51) International classification : B29C 41/04 (30) Priority Data : (31) Document No. 100 20 642.5 (32) Date : 27/04/2000 (33) Name of convention country : DE (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA	(71) Name of the Applicant : C-TECH LTD., OF DIPLOMAT TOWER, BUILDING 315, ROAD 1705, BLOCK 317, P.O. BOX 11753, DIPLOMATIC AREA, MANAMA, BAHRAIN.. (72) Name of the Inventors : 1. CARLSTROM, BORGE, 2. WILLQUIST, EVA.
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(57) Abstract : The invention relates to a method and installation for the purposes of manufacturing centrifuged glass fibre-reinforced synthetic material pipes, wherein liquid curable resin, which can contain a filler, together with glass fibres and additives for the curing process possibly also with sand, is introduced into a rotating mould. With respect to the mould temperature as the raw materials are introduced, the quantity and type of additives are adapted in a successive manner such that gelling commences in the outer part of the pipe when the last part of the raw materials is introduced. Upon gelling, the temperature is lower in the outer part than in the inner part and gelling only commences in the inner part of the pipe after all of the raw materials have been introduced.

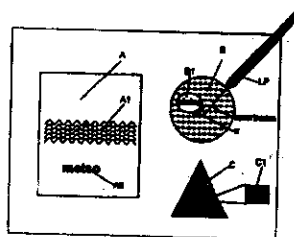
Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/ 01436 A (22) Date of filing of : 22/11/2002
application
(54) Title of the Invention : "SECURITY PAPER OR BOARD PRODUCT AND SECURITY PACKAGE."

<p>(51) International classification : D21H 21/48, 21/40, 21/42, B41M 3/14 (30) Priority Data : (31) Document No. 20001367 (32) Date : 08/06/2000 (33) Name of convention country : FINLAND (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA</p>	<p>(71) Name of the Applicant : METSO CORPORATION, OF P. O. BOX 1220, FIN-00101, HELSINKI FINLAND. (72) Name of the Inventors : 1. JAASKELAINEN TIMO, 2. KORHONEN RAIMO.</p>
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(57) Abstract : The invention relates to a method for producing a security paper or board producer carrying micro or nano structures such as diffractive optical elements in which method the diffractive structures are integrated into the security paper or board product at the manufacturing process of said product. The invention also relates to a method for producing a security package carrying diffractive structures in which method the diffractive structures are integrated into the security package at a manufacturing stage of the security package material. The invention further relates to a security package containing authentication information in a form of diffractive structures in which package the diffractive structures are included in the security package at least in one of the following forms; as embossed in the package material, as part of the size or paste or resin used in the manufacturing process of the security package, or as part of the link used in printing the security package or the security package material.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/ 01437 A (22) Date of filing of : 22/11/2002
application
(54) Title of the Invention : "AEROSOL CONTAINER FOR FORMULATIONS OF
SALMETEROL XINAFOATE."

<p>(51) International classification : A61M 15/00, B65D 81/26, 83/14 (30) Priority Data : (31) Document No. 0012522.9 & 0331502.8 (32) Date : 23/05/2000 & 22/12/2000 (33) Name of convention country : GB (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA</p>	<p>(71) Name of the Applicant : GLAXO GROUP LIMITED, OF GLAXO WELLCOME HOUSE, BERKELEY AVENUE, GREENFORD, MIDDLESEX, UB6 0NN, GREAT BRITAIN. (72) Name of the Inventors : 1. CRIPPS ALAN LESLIE, 2. GODFREY ANN PAULINE, 3. OTTOLANGUI DAVID MICHAEL.</p>
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(57) Abstract : The invention relates inter alia to a container sealed with a valve, which contains a pharmaceutical aerosol formulation comprising (A) particulate salmeterol xinafoate in suspension in (B) a liquefied propellant gas which is 1,1,1,2,3,3,3-heptafluoro-n-propane or 1,1,1,2-tetrafluoroethane and mixtures thereof, said container characterised in that the formulation is substantially anhydrous and remains so over a period of 12 months when stored at 25°C and at relative humidity of 60%. Preferably the valve is characterised in that it contains one or more valve seals substantially constructed from a polymer of ethylene propylene diene monomer (EPDM).

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/ 01438 A (22) Date of filing of : 22/11/2002
application
(54) Title of the Invention : "EVACUATED PANEL FOR THERMAL INSULATION OF
CYLINDRICAL BODIES."

(51) International classification : F16L 59/06 (30) Priority Data : (31) Document No. MI2000A001488 (32) Date : 30/06/2000 (33) Name of convention country : ITALY (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA	(71) Name of the Applicant : SAES GEATTERS S.P.A., OF VIALE ITALIA, 77, I-20020 LAINATE, ITALY. (72) Name of the Inventors : DI GREGORIO PIERATTILIO
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(57) Abstract : An evacuated panel (2) is described, which enables the thermal insulation of a cylindrical body (1), provided with two substantially rectangular main faces and formed of a flexible envelope (4) made of one or more barrier sheets, containing a discontinuous or porous, inorganic or polymeric filling material (3). The panel has a thickness such that the ration between this thickness and the minimum bending radius of the lateral wall of said cylindrical body is small enough so as to enable the rolling of the panel without compromising the integrity thereof, land length such that it allows at least two rollings around the body (1).

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/ 01439 A (22) Date of filing of : 22/11/2002
application
(54) Title of the Invention : "A NOZZLE ASSEMBLY WITH A REUSABLE BREAK-OFF
CAP AND A CONTAINER HAVING SUCH NOZZLE ASSEMBLY."

(51) International classification : B65D 1/02 (30) Priority Data : (31) Document No. 000463 (32) Date : 07/06/2000 (33) Name of convention country : IRELAND (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA	(71) Name of the Applicant : LOCTITE (R&D) LIMITED. (72) Name of the Inventors :
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(57) Abstract : The present invention tells about a nozzle assembly which comprises an outlet nozzle for dispensing product and has a first intake end for taking up product, a second dispensing end with a dispensing opening and a mouth formed on the nozzle about the dispensing opening. The nozzle comprises a nozzle body with a conduit for communication between the intake end and the dispensing opening and it is bounded by an internal surface of the nozzle body. The nozzle assembly also comprises a break-off cap having a cap body for closing the dispensing end of the outlet nozzle. The break-off cap has a first position where the cap body is integrally formed with the outlet nozzle to close its dispensing opening and is connected there by at least one frangible connection. It has a second position where the frangible connection is broken allowing removal of the cap and thus opening the dispensing opening thereby allowing product to be dispensed through the nozzle.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/ 01440 A (22) Date of filing of : 22/11/2002 application
 (54) Title of the Invention : "METHODS OF TREATING ANDROGEN DEFICIENCY IN MEN USING SELECTIVE ANTIESTROGENS."

(51) International classification : A61K 31/225, 31/135 (30) Priority Data : (31) Document No. 60/207, 496 (32) Date : 26/05/2000 (33) Name of convention country : U.S.A. (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA	(71) Name of the Applicant : FISCH HARRY, OF 30 SPRINGDALE ROAD, SCARSDALE, NY 10583, UNITED STATES OF AMERICA. (72) Name of the Inventors : FISCH HARRY
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(57) Abstract : Male menopause is characterized by significant decreases in serum levels of bioavailable androgens. The administration of antiestrogens to men experiencing male menopause can remedy the relative androgen deficiency in men by stimulating the body's production of testosterone.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/01441 A (22) Date of filing of : 25/11/2002 application
 (54) Title of the Invention : "ETCHING PASTES FOR INORGANIC SURFACES."

(51) International classification : C03C 15/00, C09K 13/08 (30) Priority Data : (31) Document No. 100 20 817.7 & 101 01 926.2 (32) Date : 28/04/2000 & 16/01/2001 (33) Name of convention country : DE (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA	(71) Name of the Applicant : MERCK PATENT GMBH, GERMANY, FRANKFURTER STRASSE 250, 64293 DARMSTADT, A GERMAN COMPANY. (72) Name of the Inventors : 1. KLEIN, SYLKE, 2. HEIDER, LILIA, 3. ZIELINSKI, GLAUDIA, 4. KUBELBECK, ARMIN, 5. STOCKUM, WERNER.
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(57) Abstract : The present invention relates to novel etching media in the form of printable, homogeneous, particle-free etching pastes having non-Newtonian flow behaviour for etching inorganic surfaces, in particular of glasses, preferably silicon oxide – and silicon nitride-based glass and other silicon oxide – and silicon nitride-based systems and layers thereof, and the use of these etching media.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. IN/PCT/2002/01442 A

(22) Date of filing of : 25/11/2002
application

(54) Title of the Invention : "DUAL BEAM FTIR METHODS AND DEVICES FOR USE IN ANALYTE DETECTION IN SAMPLES OF LOW TRANSMISSIVITY."

(51) International classification : G01N 21/35

(30) Priority Data :

(31) Document No. 09/586, 692

(32) Date : 01/06/2000

(33) Name of convention country : U.S.A.

(66) Filed U/s 5(2) :NIL

(61) Patent of addition to application No. NA

(62) Filed on :NA

(63) Divisional to Application No. :NIL

(64) Filed on :NA

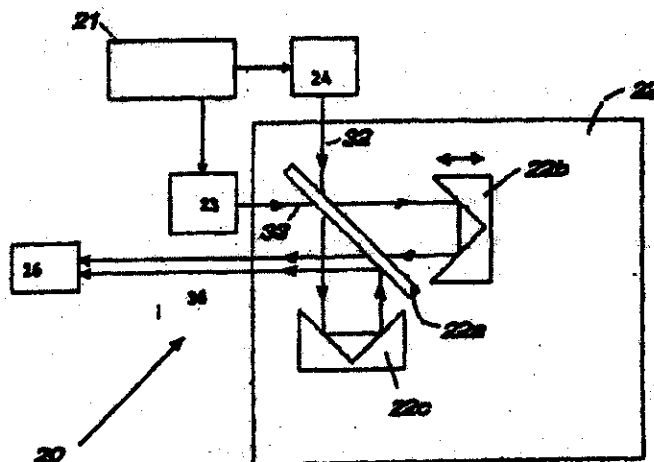
(71) Name of the Applicant : LIFESCAN, INC., OF 1000 GIBRALTAR DRIVE, MILPITAS, CA 95035-6312, U.S.A.

(72) Name of the Inventors :

1. DEBRECZENY, MARTIN, P.,

2. O' NEIL, MICHAEL, P.

(57) Abstract :



Methods and devices are provided for determining the presence and/or concentration of at least one analyte in a sample of low transmissivity. In the subject methods, a forward beam and a backward beam are produced by or introduced into an interferometer from at least one infrared radiation source. The forward beam is passed into the sample and then collected to produce a sample beam while the backward beam is passed into a reference and then collected to provide a reference beam. The sample and reference beams are recombined either optically into a null beam which is detected at a single detector or electronically nulled after detection on two separate detectors. The presence, and often amount, of at least one analyte in the sample is then derived from the detected null beam. Also provided are devices for practicing the above methods. The subject methods and devices are suitable for use in a variety of different applications, including the detection of the presence, and amount, of one or more blood analytes in a physiological sample, such as blood, tissue or derivatives thereof.

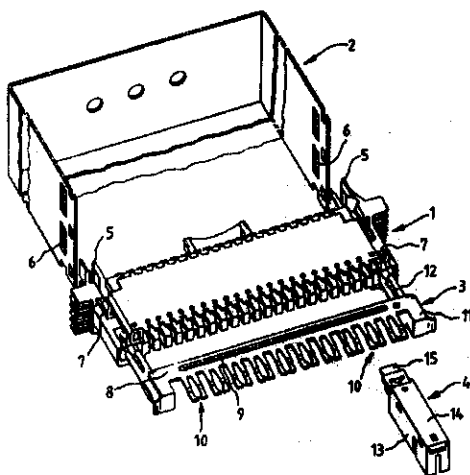
Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/01443 A (22) Date of filing of : 25/11/2002
application
(54) Title of the Invention : "EARTHING BUS AND PROTECTION PLUG FOR A SWITCH STRIP OR SEPARATING STRIP IN TELECOMMUNICATIONS AND DATA TECHNOLOGY."

<p>(51) International classification : H01R 9/24 (30) Priority Data : (31) Document No. 100 29 650.5 (32) Date : 15/06/2000 (33) Name of convention country : DE (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA</p>	<p>(71) Name of the Applicant : KRONE GMBH, OF BEESKOWDAMM 3-11, 14167 BERLIN, GERMANY. (72) Name of the Inventors : 1. POLZEHL HEIKO, 2. OLTMANNS JOHANN, 3. KLEIN HARALD.</p>
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(57) Abstract : The invention relates to a ground bus (3) and a protective plug (4) for a connecting or isolating block (1) in telecommunications and data technology, the insert tongues (10) of the ground bus (3) being of a resilient design and the ground contact (19) of the protective plug (4) being of a mechanically rigid design.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/01444 A (22) Date of filing of : 25/11/2002 application
(54) Title of the Invention : "WATER-BASED BLACK ENAMEL COMPOSITION FOR GLASS SUBSTRATES."

(51) International classification : C03C 8/02 (30) Priority Data : (31) Document No. 00/07409 (32) Date : 09/06/2000 (33) Name of convention country : FR (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA	(71) Name of the Applicant : SAINT GOBAIN GLASS FRANCE, 18 AVENUE D'ALSACE, F 92400 COURBEVOIE, FRANCE. (72) Name of the Inventors : BEYRLÉ ANDRÉ
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(57) Abstract : The invention relates to a water-based black enamel composition capable of being deposited on a glass substrate, especially on a glass sheet, which comprises:

- 20 to 40% by weight of water-soluble sodium silicate and/or potassium silicate;
- a water-soluble base, in an amount sufficient for the pH of the composition to be at least 10.5;
- 5 to 25% by weight of water;
- 40 to 60% by weight of a metal oxide chosen from the group consisting of copper oxides, iron oxides, cobalt oxides, mixtures of these oxides and mixtures of at least one of said oxides with chromium oxide(s);
- less than 10% by weight of zinc oxide;
- at least 10% by weight of a glass frit having a melting point below 680°C and
- less than 10% by weight of a glass frit having a Littleton point above 700°C.

The invention also relates to glazing, especially automobile glazing, comprising at least one glass sheet, at least one of the faces of which is coated at least partially with the aforementioned enamel composition.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/01445 A (22) Date of filing of : 25/11/2002
application
(54) Title of the Invention : "METHOD FOR CURING/DRYING STARCHES RICH IN
AMYLOSE."

<p>(51) International classification : C08B 30/14 (30) Priority Data : (31) Document No. 01/04,023 (32) Date : 26/03/2001 (33) Name of convention country : FRANCE (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA</p>	<p>(71) Name of the Applicant : ROQUETTE FRERES OF 62136 LESTREM, FRANCE. (72) Name of the Inventors : 1. CARBONE DOMENICO, 2. QUETTIER, CLAUDE, 3. SEMINO GIOVANNI, 4. FOSSATI EMESTO</p>
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- (57) Abstract : The invention concerns a method for preparing pre-gelatinized starch rich in amylose characterised in that it comprises steps which consist in forming a suspension comprising a starch rich in amylose and water; subjecting said suspension to a vapour jet cooking at a temperature ranging between 125 and 135°C so as to obtain a starch glue rich in pre-gelatinized amylose; cooking and drying said pre-gelatinized starch glue on a drying drum at a pressure ranging between 2 and 10 bars so as to obtain a pre-gelatinized starch rich in amylose. The invention also concerns a pre-gelatinized starch rich in amylose characterised in that it has an apparent density less than 0.4g/ml for an average grain size distribution of 100 micrometers. The invention further concerns such a starch for making soft capsules or tablets and film-coating of solid pharmaceutical, food or agricultural formulations.

Publication After 18 months.

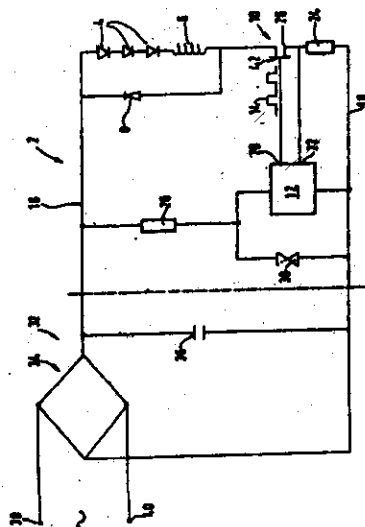
The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/01446 A (22) Date of filing of : 25/11/2002 application
(54) Title of the Invention : "TRAFFIC SIGNAL INSTALLATION COMPRISING AN LED-LIGHT SOURCE."

<p>(51) International classification : H05B 33/08 (30) Priority Data : (31) Document No. 100 25 821.2 (32) Date : 25/05/2000 (33) Name of convention country : GERMANY (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA</p>	<p>(71) Name of the Applicant : SICKINGER MONIKA, OF AUF DEM KYBERG 10, 82041 OBERHACHING GERMANY (72) Name of the Inventors : VOLLRATH EDMUND</p>
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(57) Abstract : A traffic signal installation with an LED light source (2), comprising; an input (38, 40) for connection of a current source; furthermore, at potential (16) and the base potential (18).

- a plurality of LEDs (4) arranged in at least two series connections of several LEDs that are connected in parallel;
 - a coil (6) provided in series with the LEDs (4);
 - a recovery diode (8) provided in parallel to the LEDs (4) and the coil (6) and having its forward direction opposed to that of the LEDs (4); and
 - a rapid electronic switch (10) provided in series with the LEDs (4), the coil (6) and the recovery diode (8) in parallel to the LEDs (4) and the coil (6); and
- a pulse generator (12) that is connected to the rapid electronic switch (10) and generates pulses that open and close the rapid electronic switch (10), said pulse generator (12) being a pulse-width modulator in particular in the form of an integrated component.



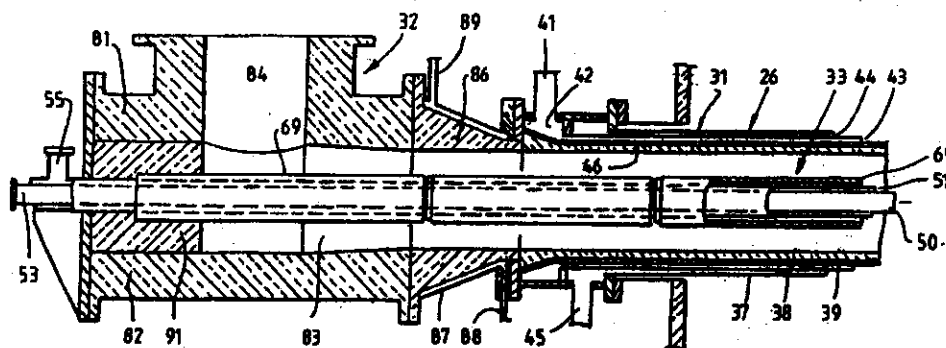
Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/01448 A (22) Date of filing of : 25/11/2002
application
(54) Title of the Invention : "APPARATUS FOR INJECTING GAS INTO A VESSEL."

<p>(51) International classification : C21C 5/46 (30) Priority Data : (31) Document No. PR 4369 (32) Date : 11/04/2001 (33) Name of convention country : AUSTRALIA (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA</p>	<p>(71) Name of the Applicant : TECHNOLOGICAL RESOURCES PTY LTD., OF 55 COLLINS STREET, MELBOURNE, VICTORIA 3000 AUSTRALIA. (72) Name of the Inventors : 1. DUNNE MARTIN JOSEPH, 2. HARDIE GREGORY JOHN.</p>
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(57) Abstract :



An injection lance (26) for injecting hot gas into a vessel includes an elongate gas flow duct (31) which receives hot gas from a gas inlet structure (32) and an elongate central tubular structure (33) which extends within gas flow duct (31) from its rear end to its forward end. Adjacent the forward end of duct (31), central structure (33) carries a series of flow directing vanes (34) for imparting swirl to the hot gas flow exiting the duct. The wall of duct (31) downstream from gas inlet (32) is internally water cooled by flow of water through annular passages (43, 44). The cooling water also flows through the interior of a duct tip (36) at the forward end of duct (31). The front end of central structure (33) which carries the swirl vanes (34) is internally water cooled by cooling water supplied forwardly through a central water flow passage (52) from a water inlet (53) at the rear of the lance through to a nose (35) of the central structure. The cooling water returns back through the central structure via an annular water return passage (54) to a water outlet (55) at the rear end of the lance.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/01449 A (22) Date of filing of : 25/11/2002 application
(54) Title of the Invention : "GRANULAR CERAMIC MATERIAL WITH HIGH POROSITY."

(51) International classification : C04B 38/00 (30) Priority Data : (31) Document No. 100 22 798.8 (32) Date : 10/05/2000 (33) Name of convention country : GERMANY (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA	(71) Name of the Applicant : PFLEIDERER INFRASTRUKTURTECHNIK GMBH & CO. KG., OF INGOLSTADTER STRASSE 51, D-92318 NEUMARKT GERMANY. (72) Name of the Inventors : GIANGRASSO ANTONIO
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(57) Abstract : This invention relates to ceramic material comprising SiO₂ and Na₂O and /or K₂O characterized by greater than 60% porosity and pores more than 70% of which are of a size between 0.1 and 15µm. This ceramic material is suitable as filter material, water storage material, and adsorbent.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. IN/PCT/2002/01450 A

(22) Date of filing of : 26/11/2002
application

(54) Title of the Invention : "APPARATUS FOR AUTOMATED OPHTHALMIC LENS FABRICATION."

(51) International classification : B29D 11/00

(30) Priority Data :

(31) Document No. 09/579,354

(32) Date : 26/05/2000

(33) Name of convention country : U.S.A.

(66) Filed U/s 5(2) : NIL

(61) Patent of addition to application No. NA

(62) Filed on : NA

(63) Divisional to Application No. : NIL

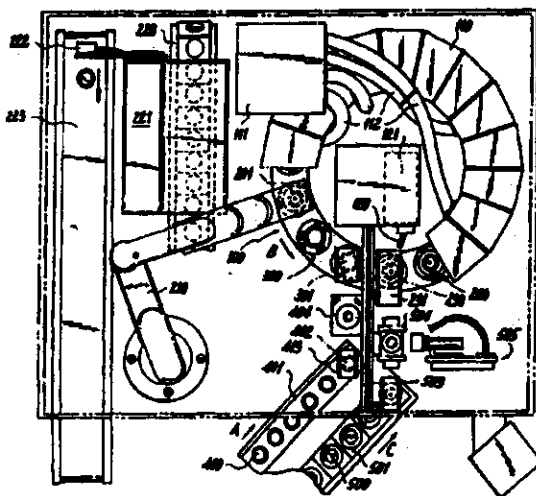
(64) Filed on : NA

(71) Name of the Applicant : JOHNSON & JOHNSON VISION CARE INC., 7500 CENTURION PARKWAY, SUITE 100, JACKSONVILLE, FL 32256, U.S.A.

(72) Name of the Inventors :

1. MARCEAU GARY,
2. BOULAY DAN,
3. NUNEZ IVAN,
4. FOSTER CHARLES,
5. DOGAN ERIC,
6. BISHOP JOSEPH A.,
7. GUPTA AMITAVA,
8. HAMBLIN STEVEN,
9. MENEZES EDGAR V.,
10. SEKHARIPURAM VENKAT,
11. KOK BOM,
12. HOMPUS MICHAEL,
13. VAN NUHEN JACK,
14. EVERS MARC,
15. VAN DOORN EDWARD.

(57) Abstract :



An apparatus for the automated production of ophthalmic lenses, particularly compound lenses having a plastic coating on a plastic lens is described. A mold, after rotational orientation, is placed in a gimbal assembly (301) to provide for the proper tilt. This gimbal assembly forms part of a fixture attached to an indexing means (100) which moves for complete assembly of a molding fixture and then moves the molding fixture through a chamber (110) to cure the resin. A preform, after rotational orientation, is held, by a preform gripper placed above the mold, and with sufficient clearance between the mold and the preform to allow the correct resin thickness during the curing portion of the process. The fixture is also provided with members to firmly grip the preform grippers so as to maintain its orientation throughout the curing process.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/01451 A (22) Date of filing of : 26/11/2002 application
 (54) Title of the Invention : "PROCESS FOR THE AUTOMATED MANUFACTURE OF SPECTACLE LENSES."

(51) International classification : B29D 11/00 (30) Priority Data : (31) Document No. 09/579,048 (32) Date : 26/05/2000 (33) Name of convention country : U.S.A. (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA	(71) Name of the Applicant : JOHNSON & JOHNSON VISION CARE INC., SUITE 100, 7500 CENTURION PARKWAY, JACKSONVILLE, FL-32255, U.S.A. (72) Name of the Inventors : 1. MARCEAU GARY, 2. BOULAY, DAN, 3. NUNEZ, IVAN, 4. FOSTER, CHARLES, 5. DOGAN, ERIC, 6. BISHOP, JOSEPH, A., 7. GUPTA, AMITAVA, 8. HAMBLIN, STEVEN, 9. MENEZES, EDGAR, V., 10. SEKHARIPURAM, VENKAT, 11. MERRITT, JAMES, 12. ULLOA, JOSE, 13. KOKONASKI, WILLIAM, 14. BASHAM, ELBERT, 15. ALTON, MICHELE, L., 16. BLUM, RONALD, 17. KOK, RON, 18. HOMPUS, MICHAEL, 19. VAN NUNEN, JACK, 20. EVERS, MARC & 21 VAN DOORN, EDWARD.
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(57) Abstract : The present invention provides an efficient automated process for the manufacture of finished, spectacle lenses. In particular the invention provides an automated system useful in producing tenses especially multifocal lenses.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/01452A (22) Date of filing of : 26/11/2002
application
(54) Title of the Invention : "INDOLINOSPIROPYRAN COMPOUNDS AND METHODS
FOR THEIR MANUFACTURE."

(51) International classification : C07D 491/00 (30) Priority Data : (31) Document No. 09/585,108 (32) Date : 31/05/2000 (33) Name of convention country : U.S.A. (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA	(71) Name of the Applicant : JOHNSON & JOHNSON VISION CARE INC., SUITE 100, 7500 CENTURION PARKWAY, JACKSONVILLE, FL-32255, U.S.A. (72) Name of the Inventors : 1. CARREIRA, ERICK, M, 2. WEILI, ZHAO.
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(57) Abstract : The present invention provides indolinospiropyran compounds and methods for their manufacture, which compounds are useful as photo chromic compounds. The compounds of the invention are substituted on the indole ring with succinimide, which substitution permits ring opening of the succinimide and modulation of the bulk and photo chromic properties of the compounds. The compounds may be conveniently prepared using the solid phase organic synthesis of the invention.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/01453 A (22) Date of filing of : 26/11/2002 application
(54) Title of the Invention : "MAMMALIAN GAMETE AND EMBRYO CULTURE MEDIA SUPPLEMENT AND METHOD OF USING SAME."

(51) International classification : C12N 5/00 (30) Priority Data : (31) Document No. 60/210,649 & 60/212,232 (32) Date : 09/06/2000 & 16/06/2000 (33) Name of convention country : U.S.A. (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA	(71) Name of the Applicant : VITROLIFE AB., OF MOLNDALSVAGEN 30 S-41263 GOTHENBURG, SWEDEN, A SWEDISH COMPANY. (72) Name of the Inventors : 1. GARDNER, DAVID, K., 2. LANE, MICHELLE, T.
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(57) Abstract : The present invention provides a supplement and a culture media useful for culturing mammalian gametes and embryonic tissue. The culture media comprises at least one of recombinant human albumin, fermented hyaluronan and citrate. Because the constituents are produced from non-conventional sources, the culture medium is free from contaminants such as viruses, prions and endotoxins. Additionally, because the medium is completely defined, the medium is not subject to variations which can impair the development of mammalian cells and prevent meaningful comparisons of empirical studies.

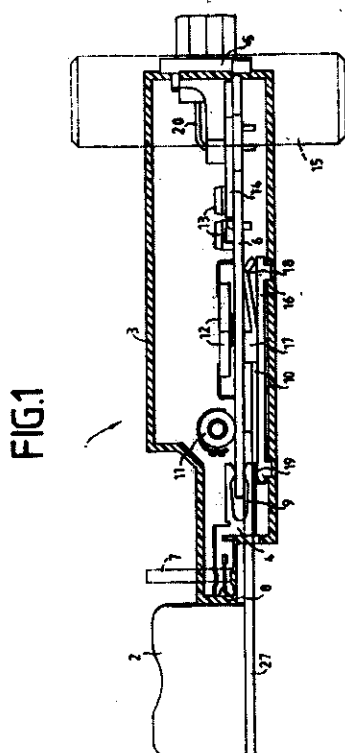
Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/01454 A (22) Date of filing of : 26/11/2002
application
(54) Title of the Invention : "DISTRIBUTOR MODULE FOR USE IN
TELECOMMUNICATIONS AND DATA SYSTEMS TECHNOLOGY."

<p>(51) International classification : H01R 29/00 (30) Priority Data : (31) Document No. 100 29 649.1 (32) Date : 15/06/2000 (33) Name of convention country : DE (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA</p>	<p>(71) Name of the Applicant : KRONE GMBH, OF BEESKOWDAMM 3-11 14167 BERLIN, GERMANY. (72) Name of the Inventors : 1. BUSSE, RALF-DIETER, 2. KLEIN, HARALD, 3. STARK, JOACHIM.</p>
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(57) Abstract : The invention to a distribution connection module (1) for telecommunications and data technology, comprising a housing (3) in which input and output contacts (4, 5) for the connection of cables or wires are arranged such that they are externally accessible, the housing (3) being designed with a cavity in which functional elements are arranged between the input and output contacts (4, 5).



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/01455 A (22) Date of filing of : 26/11/2002 application
(54) Title of the Invention : "WATER TREATMENT COMPOSITIONS."

(51) International classification : C02F 1/56
(30) Priority Data :
(31) Document No. 0015571.3, 0015569.7 & 0027214.6
(32) Date : 27/06/2000 & 08/11/2000
(33) Name of convention country : DE
(66) Filed U/s 5(2) :NIL
(61) Patent of addition to application No. NA
(62) Filed on :NA
(63) Divisional to Application No. :NIL
(64) Filed on :NA

(71) Name of the Applicant : THE PROCTER & GAMBLE CO., ONE PROCTER & GAMBLE PLAZA, CINCINNATI, OH45202, U.S.A.

(72) Name of the Inventors :
1. SOUTER PHILIP FRANK,
2. URE COLIN.

(57) Abstract : Compositions, methods and kits for purifying and clarifying and/or nutrifying contaminated drinking water and which comprises a primary coagulant material and a bridging flocculent material, the levels and ratios of coagulant to flocculent preferably falling within certain ranges. Highly preferred compositions also contain one or more of a cationic coagulant aid, especially chitosan, a microbicidal disinfectant, water-soluble alkali, a water-insoluble silicate, and a food additive or nutrient source.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/01456 A (22) Date of filing of : 26/11/2002
application
(54) Title of the Invention : "USING WEB BASED INFORMATION TO SELECT
TELEVISION PROGRAMS."

(51) International classification : H04N 5/445, 7/16 (30) Priority Data : (31) Document No. 09/584,508 (32) Date : 31/05/2000 (33) Name of convention country : U.S.A. (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA	(71) Name of the Applicant : INTEL CORPRATION, OF 2200 MISSION COLLEGE BOULEVARD, SANTA CLARA, CA 95052, U.S.A. (72) Name of the Inventors : RASHKOVSKIY OLEG B.
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- (57) Abstract : Variables incorporated into a hypertext mark-up language program guide (22)
enable location of hypertext elements. Once the variable is located, the information contained
within the identified hypertext element may be used to tune to a particular channel.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/01457 A (22) Date of filing of : 26/11/2002 application
(54) Title of the Invention : "QUINAZOLINE DITOSYLATE SALT COMPOUNDS."

(51) International classification : C07D 405/04 (30) Priority Data : (31) Document No. 60/215,508 & 60/271,845 (32) Date : 30/06/2000 & 27/02/2001 (33) Name of convention country : U.S.A. (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA	(71) Name of the Applicant : GLAXO GROUP LIMITED, OF GLAXO WELLCOME HOUSE, BERKELEY AVENUE, GREENFORD, MIDDLESEX, UB6 0NN, GREAT BRITAIN. (72) Name of the Inventors : 1. MCCLURE MICHAEL SCOTT, 2. OSTERHOUT MARTIN HOWARD, 3. ROSCHANGAR FRANK, 4. SACCHETTI MARK JOSEPH.
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- (57) Abstract : Dissolute salts of 4-quinanzolineamines are described as well as methods of using the same in the treatment of disorders characterized by aberrant erbB family PTK activity.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/01458 A (22) Date of filing of : 26/11/2002
application
(54) Title of the Invention : "COMMUNICATING OBJECTS BETWEEN USERS."

(51) International classification : G06F 3/00 (30) Priority Data : (31) Document No. 60/213,318 & 60/641,497 (32) Date : 22/06/2000 & 18/08/2000 (33) Name of convention country : U.S.A. (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA	(71) Name of the Applicant : INTEL CORPORATION, OF 2200 MISSION COLLEGE BOULEVARAD, SANTA CLARA, CA 95052, U.S.A. (72) Name of the Inventors : 1. MILENKOVIC MILAN, 2. MILENKOVIC MARIA, 3. WILSON RUSSELL.
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(57) Abstract : Communications between users may be facilitated using a single window and a communications interface associated with that window. Transfers may be made by grabbing objects within the window and moving them to the communications interface. Icons may be associated with particular users and when objects are dragged-and-dropped to those icons, those objects may be automatically transferred to interfaces associated with those users.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/01459 A (22) Date of filing of : 26/11/2002 application
(54) Title of the Invention : "INSULATION FOR ELECTRICAL CONDUCTORS THAT PRODUCES NO PARTIAL DISCHARGES."

(51) International classification : H02K 3/40, 15/12 (30) Priority Data : (31) Document No. (32) Date : (33) Name of convention country : (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA	(71) Name of the Applicant : VON ROLL ISOLA WINDING SYSTEMS GMBH., OF OSWALD-GREINER-STRASSE 3, D-04720, DOBELN, GERMANY. (72) Name of the Inventors : 1. BRANDES NEINZ, 2. HILLMER THOMAS, 3. REDIGER JEAN-LUC, 4. JUND FRAANCOIS, 5. HANGGI FRANZ, 6. FERNANDEZ JOSE.
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(57) Abstract : By taping an electrical conductor with a micaceous insulating tape, comprising a film support of a polymer which can be heat-shrunk above 150°C and a layer of mica fastened to the film support by means of a binder, and subsequent heat shrinkage of the polymer, improved insulations for electro technical applications that do not produce partial discharges are obtained, in particular for windings of electrical machines and transformers, which insulations are distinguished in particular by an improvement in the adhesion, process ability and electrical properties and make a reduction in the thickness of the insulation possible.

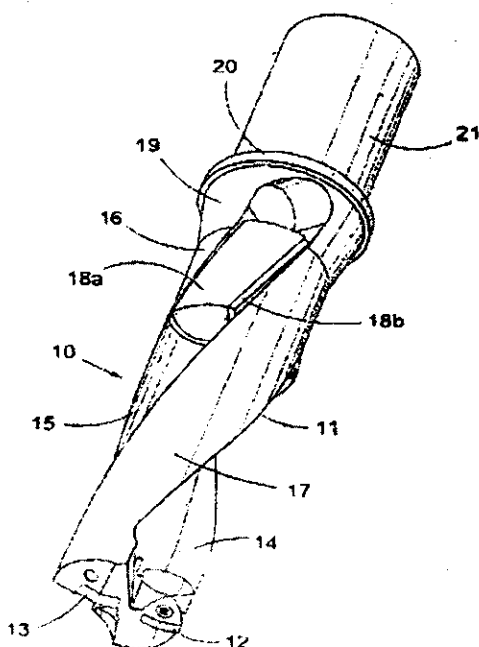
Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/01460 A (22) Date of filing of : 26/11/2002
application
(54) Title of the Invention : "VIBRATION DAMPENED DRILLING TOOL."

(51) International classification : B23B 51/00	(71) Name of the Applicant : SANDVIK
(30) Priority Data :	AKTIEBOLAG, OF S-811 81 SANDVIKEN,
(31) Document No. 0002294.7	SWEDEN.
(32) Date : 20/06/2000	(72) Name of the Inventors :
(33) Name of convention country : SWEDEN	1. BERGHOLT, MARIE-LOUISE,
(66) Filed U/s 5(2) :NIL	2. KARLSSON, LEIF,
(61) Patent of addition to application No. NA	3. TUKALA, TOMMY
(62) Filed on :NA	
(63) Divisional to Application No. :NIL	
(64) Filed on :NA	

(57) Abstract : The invention relates to a drilling tool for hole-drilling in metallic materials, including a drill body (11) as well as at least one cutting insert (12) located in the front and thereof, defining the periphery of the drill, the drill body having a number of axially extending chip channels (14, 15) and box (16, 17) situated there between. Characteristic of the new tool is that the drill body (11) has been provided with a damping unit (18) situated at an axial distance behind the cutting inserts in at least one chip channel which damping unit entirely or partly fills up a portion of said chip channel, and which damping unit is composed of two material portions (18a, 18b) crude up of different rigidities.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/01461 A (22) Date of filing of : 27/11/2002 application
(54) Title of the Invention : "THE PACKAGE FOR TOBACCO PRODUCTS AND THE PROCESS OF THE PACKING."

(51) International classification : B65D 85/10 (30) Priority Data : (31) Document No. PV 2000-1544 (32) Date : 27/04/2000 (33) Name of convention country : CZ (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA	(71) Name of the Applicant : SRAMEK MILAN OF PRSTNE 65, CZ-76001, ZLIN, CZECH REPUBLIC, A CITIZEN OF CZECH REPUBLIC. (72) Name of the Inventors : SRAMEK MILAN
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(57) Abstract : The package for tobacco products (1), primarily cigarettes and cigars, formed by a hermetically sealed case forming a pocket for at least one product. The invention is that the inner atmosphere (3) of the package is rarefied and/or contains the addition of inert gas. The way of packing of tobacco products into a hermetically sealed case forming a pocket is essential due to the fact that the case is sealed in the vacuum atmosphere and/or the protective atmosphere with the addition of inert gas.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

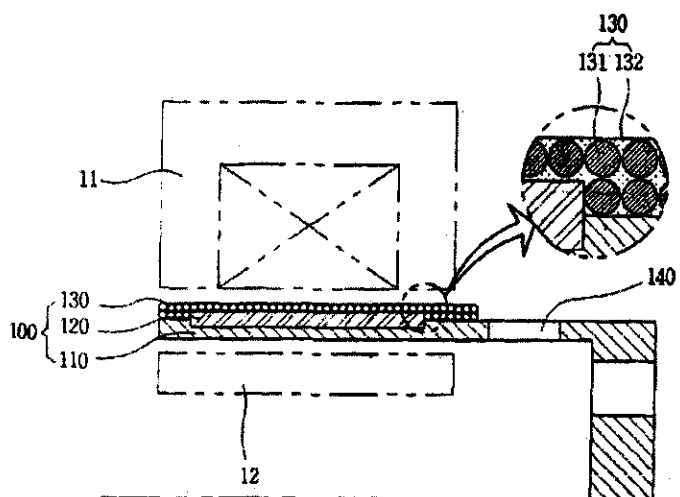
(21) Application No. IN/PCT/2002/01462 A

(22) Date of filing of : 27/11/2002
application

(54) Title of the Invention : "MOVER ASSEMBLY OF RECIPROCATING MOTOR AND FABRICATION METHOD THEREOF."

<p>(51) International classification : H02K 15/00 (30) Priority Data : (31) Document No. (32) Date : (33) Name of convention country : (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA</p>	<p>(71) Name of the Applicant : LG ELECTRONICS INC., OF 20YOIDO-DONG, YONGDUNGPO-KU, SEOUL 150-721, KOREA. (72) Name of the Inventors : 1. KU BON-CHEOL, 2. DO JIN-YEONG, 3. YOON HYUNG-PYO, 4. JEON SI-HANG, 5. JUNG WON-HYUN.</p>
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(57) Abstract :



A mover assembly of a reciprocating motor includes : a mover body disposed at a gap between an inner stator and an outer stator ; permanent magnets fixed at an outer circumferential surface of the mover body and reciprocally moved together with the mover body in a direction of an induction magnetic field between the inner stator and the outer stator ; and a mixed member made of a fiber and a resin to cover and fix the permanent magnets. The permanent magnets are arranged at an outer circumferential face of the mover body, covered with the mixed member obtained by mixing a fiber and a resin, and hardened to be fixed. Therefore, the permanent magnets can be firmly and easily fixed at the mover body. In addition, by molding the mover body with a non magnetic and non-conductive material, leakage of the magnetic force of the permanent magnets can be prevented.

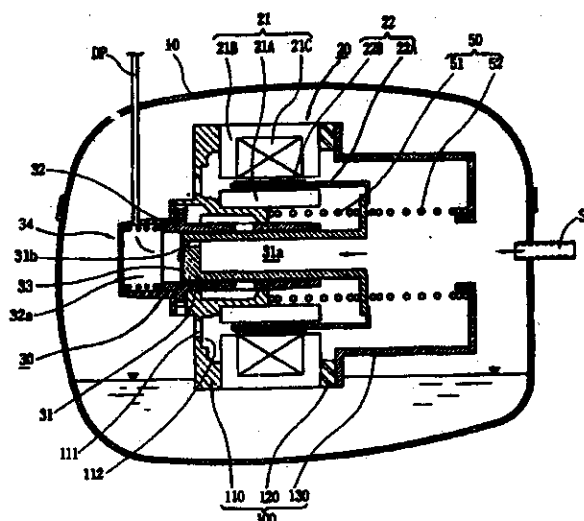
Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/01463 A (22) Date of filing of : 27/11/2002 application
(54) Title of the Invention : "RECIPROCATING COMPRESSOR."

(51) International classification : F04B 35/04 (30) Priority Data : (31) Document No. 2001/15255 (32) Date : 23/03/2001 (33) Name of convention country : KOREA (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA	(71) Name of the Applicant : LG ELECTRONICS INC., OF 20 YOIDO-DONG, YONGDUNGPO-KU, SEOUL 150-721, KOREA. (72) Name of the Inventors : 1. BAE GYOO-JONG, 2. HYEON SEONG-YEOL, 3. KIM JANG-WHAN, 4. HEO JONG-TAE.
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(57) Abstract :



A reciprocating compressor including: a closed container (10); a reciprocating motor (20) having stators and an armature (22) disposed in the air gap between the stators (21) and making a reciprocal movement; a compression unit (30) having a piston (31) combined with the armature (22) of the reciprocating motor and a cylinder fixed inside the closed container (10); a spring unit (50) elastically supporting the armature (22) of the reciprocating motor (20) in a movement direction; and a frame unit (100) supporting the reciprocating motor (20) and the compression unit (30) having a gas hole (111) at a suitable portion thereof. Accordingly, when the armature (22) of the reciprocating motor (20) makes a reciprocal movement, the gas is compressed at the end of the armature (22), so that an increase of a flow resistance is prevented. In addition, in occurrence of an over-stroke of the armature, as the step portion (112) makes a space to prevent the magnet from releasing or damaging, the reliability of the compressor is improved.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/01464 A (22) Date of filing of : 27/11/2002 application
(54) Title of the Invention : "LOCKING AND UNLOCKING MECHANISM OF POST-CURING INFLATOR."

(51) International classification : B29C 35/16 (30) Priority Data : (31) Document No. (32) Date : (33) Name of convention country : (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA	(71) Name of the Applicant : ICHIMARU GIKEN CO. LTD., OF 601 OOAZA TUNEMOCHI, CHIKUGO-SHI, FUKUOKA, JAPAN. (72) Name of the Inventors : ICHIMARU HIRONOBU
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- (57) Abstract : The present invention provides a locking and unlocking mechanism of a post-curing inflator in which a male mold is simplified in structure and reduced in weight, and the entire device including an upper flange hoisting and lowering device is reduced in size and weight.

The locking and unlocking mechanism comprises a pair of flanges 1 and 2 for closing openings formed in left and right side surfaces of the tire, and a lock mechanism a provided between the flanges for supporting an expansion load of the tire. The lock mechanism A comprises a male rod 4 projecting from a surface of one of the flanges, and a female mold 3 or the other flange with which a tip end of the male rod 4 is engaged. An adjust mechanism for setting a length of the male rod 4 is connected to a base portion of the male rod 4. The male rod 4 is provided with a slide portion extended as the tire is expanded. The adjusted mechanism sets a distance between the flanges 1 and 2 in accordance with a width of the tire. An expansion load of the tire is supported by the male rod 4 and the female mold 3.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/01465 A (22) Date of filing of : 27/11/2002
application
(54) Title of the Invention : "TIRE CATCHING DEVICE OF POST-VULCANIZATION
INFLATING DEVICE."

(51) International classification : B29C 35/16 (30) Priority Data : (31) Document No. (32) Date : (33) Name of convention country : (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA	(71) Name of the Applicant : ICHIMARU GIKEN CO. LTD., OF 601 OOAZA TUNEMOCHI, CHIKUGO-SHI, FUKUOKA, JAPAN. (72) Name of the Inventors : ICHIMARU HIRONOBU
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(57) Abstract : When the loading device or the unloading device is transferred, a procedure for separating the attaching/detaching-side rim mold to separate both the rim molds is eliminated, and the loading procedure and unloading procedure are simplified correspondingly, and the operation efficiency is enhanced. The present invention provides a tire grasping device of a PCI device in which a stroke amount when separating or coupling the attaching/detaching-side rim mold from and to the body-side rim mold is reduced to such a degree that the grasped tire does not interfere with the body-side rim mold and thus, the device is reduced in size.

A post-vulcanization inflating device comprises a body-side rim mold 2 and an attaching/detaching-side rim mold 3. Both the rim molds are formed with bead receiving surfaces 21, 31 opposed to an outer surface of a bead portion of a post-vulcanized tire T1, the post-vulcanized tire is cooled and its shape is stabilized in a state in which the post-vulcanized tire is held between the bead receiving surfaces. The attaching/detaching-side rim mold is provided with an engaging pawl 40 for detachably grasping the bead portion of the tire.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

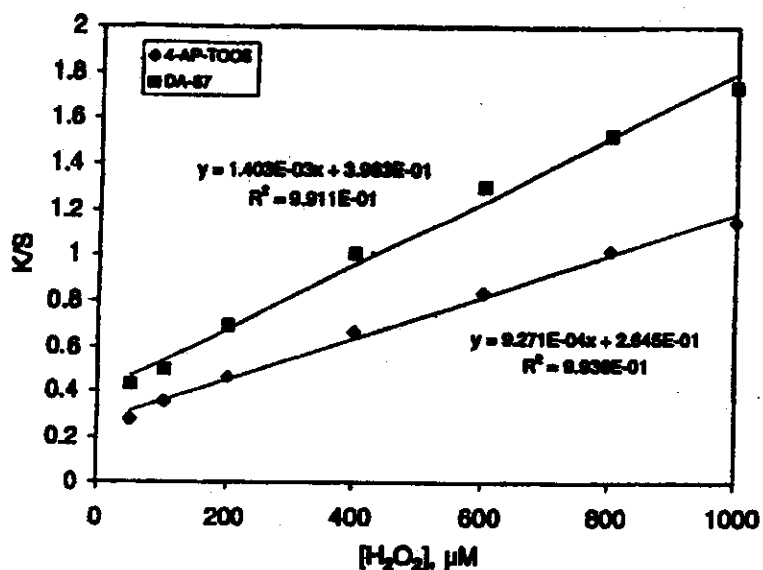
(21) Application No. IN/PCT/2002/01466 A

(22) Date of filing of : 27/11/2002
application

(54) Title of the Invention : "COMPOSITIONS CONTAINING A UREA DERIVATIVE DYE, FOR DETECTING AN ANALYTE AND METHODS FOR USING THE SAME."

<p>(51) International classification : C12Q 1/00 (30) Priority Data : (31) Document No. 09/593,827 (32) Date : 13/06/2000 (33) Name of convention country : U.S.A. (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA</p>	<p>(71) Name of the Applicant : LIFESCAN INC., OF 1000 GIBRALTAR DRIVE, MILPITAS, CA 95035-6312, U.S.A. (72) Name of the Inventors : 1. GUO SHERRY X, 2. LEONG KOON WAH.</p>
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(57) Abstract :



Compositions, reagent test strips, analyte detection systems and kits of the same, as well as methods for their use in the detection of an analyte in a sample, are provided. The subject compositions are characterized by having a positively charged porous matrix and a urea derivative dye on at least one surface of the matrix, where in many preferred embodiments the urea derivative dye is a negatively charged urea derivative dye. In many preferred embodiments, the subject compositions further include at least one additional reagent member of a peroxide producing signal producing system, e.g., an analyte oxidase and/or a peroxidase. The subject compositions, test strips, analyte detection systems and kits find use in the detection of a wide variety of analytes in a sample, such as a physiological sample, e.g., blood or a fraction thereof.

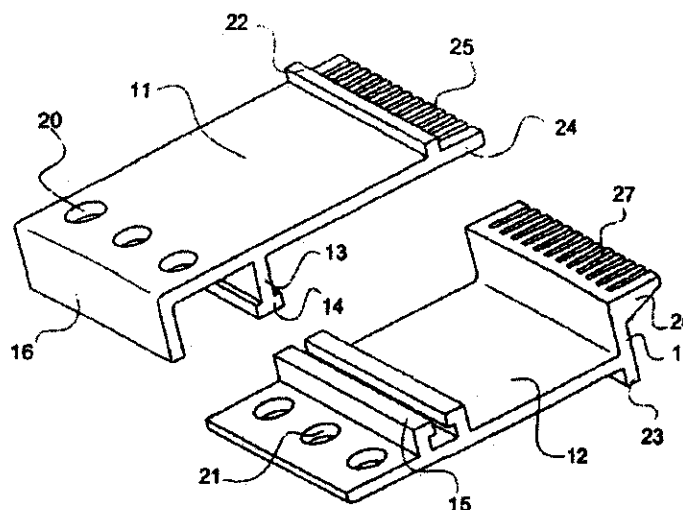
Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/01467 A (22) Date of filing of : 27/11/2002 application
 (54) Title of the Invention : "CONNECTING RAIL FOR ELECTRICAL APPLIANCES AND APPARATUSES, FOR DIFFERENT RATED CURRENTS, WITH A CAVITY."

(51) International classification : H01H 71/08	(71) Name of the Applicant : SIEMENS
(30) Priority Data :	AKTIENGESELLSCHAFT,
(31) Document No. 100 32 653.6	WITTELSBACHERPLATZ 2, 80333
(32) Date : 28/06/2000	MUNCHEN, GERMANY.
(33) Name of convention country : DE	(72) Name of the Inventors :
(66) Filed U/s 5(2) :NIL	1. BACH MICHAEL,
(61) Patent of addition to application No. NA	2. SEBEKOW MICHAEL,
(62) Filed on :NA	3. SEIDLER STAHL GUENTER,
(63) Divisional to Application No. :NIL	4. THIEDE INGO,
(64) Filed on :NA	5. TUEKME SEZAI,
	6. SCHMIDT DETLEV.

(57) Abstract : The invention relates to connecting rails (4) which are produced from profiled semi-finished products, have a cavity and have the same external dimensions for different rated currents, for connection of the electrical components of electrical appliances and apparatuses to an external circuit, with the connecting rails extending through window openings which are located in the appliance or apparatus wall and being fixed in the housing by attachment means which comprise two or more piece elements (11, 12) which are in the form of profiles and are designed such that they can be connected to one another in an interlocking manner or in some other way to form a hollow connecting rails (4). The piece elements (11, 12) have one or more limbs (13, 16, 17) whose lengths determine the height of the connecting rails (4).



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/01468 A (22) Date of filing of : 27/11/2002
application
(54) Title of the Invention : "PROCESS AND APPARATUS FOR TREATING WASTE
WATER IN CATIONIC ELECTROCOATING."

(51) International classification : B01D 61/04, 61/16, C02F 1/44 (30) Priority Data : (31) Document No. 2000-198162 (32) Date : 30/06/2000 (33) Name of convention country : JP (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA	(71) Name of the Applicant : ASAHI KASEI KABUSHIKI KAISHA, OF 2-6 DOJIMAHAMA 1-CHOME, KITA-KU, OSAKA, JAPAN. (72) Name of the Inventors : ITOM KOURYO
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(57) Abstract : A process for treating waste water, which comprises feeding waster from a final water washing tank of a final water washing step ion a cationic electro coating to a receiving-concentration tank, feeding the waste water from the receiving-concentration tank to a membrane separation unit, thereby separating the waste water into a filtrate and a concentrated solution, and continuously recovering the separated filtrate for reuse in the final water washing step, characterized by continuously detecting the pH of the filtrate, continuously injecting an acid into the waste water, thereby keeping the pH of the filtrate to a predetermined range, land adjusting the pH of the waste water. The process provides a continuously efficient and exact pH control of the waste water from the final water washing step in cationic electro coating.

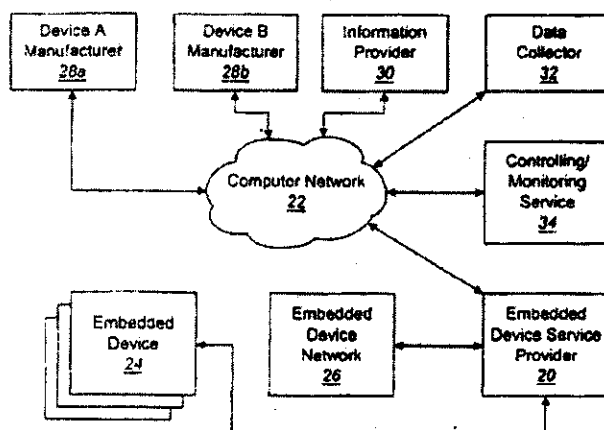
Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/01470 A (22) Date of filing of : 28/11/2002
application
(54) Title of the Invention : "APPARATUS FOR PROCESSING WASTE."

<p>(51) International classification : G06F 9/06, 13/00, 13/14, 15/16, 17/00, H04L 12/28, 12/16, 29/06, H04M 11/00</p> <p>(30) Priority Data :</p> <p>(31) Document No. 09/587,929</p> <p>(32) Date : 06/06/2000</p> <p>(33) Name of convention country : U.S.A.</p> <p>(66) Filed U/s 5(2) :NIL</p> <p>(61) Patent of addition to application No. NA</p> <p>(62) Filed on :NA</p> <p>(63) Divisional to Application No. :NIL</p> <p>(64) Filed on :NA</p>	<p>(71) Name of the Applicant : EMWARE, INC., OF 6322 SOUTH 3000 EAST, SUITE 250, SALT LAKE CITY, UTAH 84121 U.S.A.</p> <p>(72) Name of the Inventors : 1. HOWARD MICHAEL L., 2. HARPER WILLIAM R.</p>
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(57) Abstract :



A service provider (20) for embedded devices (24) is disclosed for controlling, monitoring and/or updating embedded devices (24). The service provider (20) includes a computer having communications hardware for communicating over a computer network (22). The computer also includes a storage device and a processor. The service provider (20) further includes a database (112) of embedded device information that contains information relating to a number of embedded devices (24). An embedded device communications module (130) is used by the service provider to communicate with a number of embedded devices. The service provider (20) further includes a computer network communications module (128) for communicating with computers via the computer network (22). In addition, the service provider (20) has a database interface module for accessing the information in the embedded device information database. The service provider (20) may also include an information collection manager (118) for searching the computer network (22) and for accessing and obtaining updated information from the computer network relating to the embedded devices (24).

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. IN/PCT/2002/01471 A

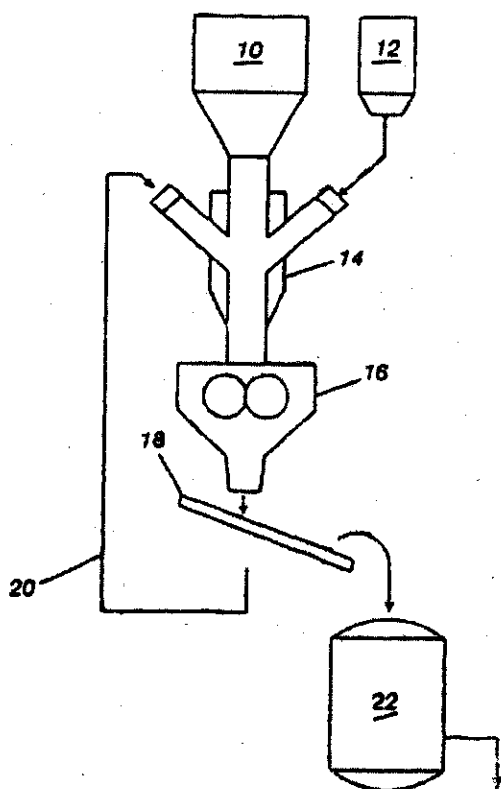
(22) Date of filing of : 28/11/2002
application

(54) Title of the Invention : "METHOD OF PRODUCING A METALLIZED BRIQUETTE."

<p>(51) International classification : C22B 1/16, 7/02 (30) Priority Data : (31) Document No. 60/209,526 & 09/852,866 (32) Date : 05/06/2000 & 10/05/2001 (33) Name of convention country : U.S.A. (66) Filed U/s 5(2) : NIL (61) Patent of addition to application No. NA (62) Filed on : NA (63) Divisional to Application No. : NIL (64) Filed on : NA</p>	<p>(71) Name of the Applicant : MIDREX TECHNOLOGIES, INC., OF SUITE 100, 2725 WATE RIDGE PARKWAY, CHARLOTTE, NC 28217, U.S.A. (72) Name of the Inventors : 1. HOFFMAN GLENN E., 2. MCCLELLAND JAMES M. JR.,</p>
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(57) Abstract :

The invention is a method of making metallized iron agglomerates by combining iron/steel particles and a reductant material with a cellulose fiber binder material, compacting the combination to form a solid agglomerate, and reducing the iron portions of the agglomerate in a direct reduction furnace (22). The cellulose fiber binder material provides an agglomerate having improved strength and lower overall cost than comparable agglomerates using binders known in the art.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. IN/PCT/2002/01473 A

(22) Date of filing of : 28/11/2002
application

(54) Title of the Invention : "PROCESS FOR PRODUCING CONCENTRATED NITRIC ACID AND INSTALLATION TO CARRY OUT THE PROCESS."

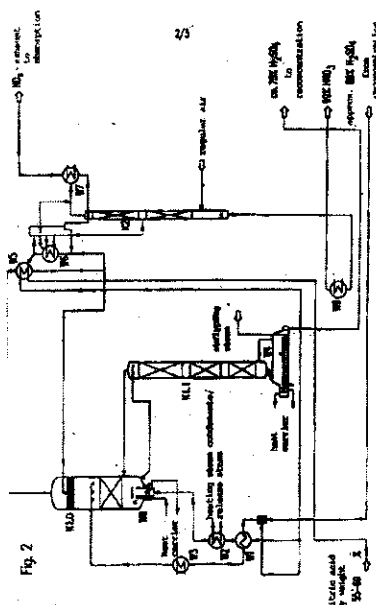
(51) International classification : C01B 21/44
(30) Priority Data :
(31) Document No.
(32) Date :
(33) Name of convention country :
(66) Filed U/s 5(2) :NIL
(61) Patent of addition to application No. NA
(62) Filed on :NA
(63) Divisional to Application No. :NIL
(64) Filed on :NA

(71) Name of the Applicant : QVF
ENGINEERING GMBH.,
HATTENBERGSTRASSE 36, D 55122
MAINZ, GERMANY.

(72) Name of the Inventors :

1. DICHTL, GOTTFRIED,
2. DORSTEWITZ, FRANK,
3. SASSENBERG, MANFRED,
4. WALGTE, ULRICH.

(57) Abstract : Process for producing a nitric acid of a concentration from 75 to 99.9% from a more diluted nitric acid, wherein a nitric acid of a concentration of about 45 to 70% is rectified in contact with a liquid extraction medium to prevent the formation of a nitric acid-water-azeotropic mixture, and the vapors of the concentrated nitric acid are condensed and a concentrated nitric acid is obtained and wherein additionally the extraction medium is reconstituted through reconcentration and returned into the extractive rectification, wherein the nitric acid to be concentrated is fed as a boiling liquid or partially vaporized to the extractive rectification preferably carried out in two columns (K 1.0, K 1.1), by utilizing the amount of heat available to the entire process (W1, W2, W5), wherein, before feeding into the extractive rectification nitric acid is added to the extraction medium, and the energy required for the extractive rectifications supplied through indirect heating (W4, W8) and the extraction medium supplied in most concentrated form to the extractive rectification, so that simultaneously at the greatest possible dilution of the extraction medium flowing from the extractive rectification, the circulation amount of extraction medium is minimized and the utilization of energy maximized.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/01474 A (22) Date of filing of : 29/11/2002
application
(54) Title of the Invention : "METHOD FOR PREPARING PULP FROM CORNSTALK."

(51) International classification : D21C 3/00 (30) Priority Data : (31) Document No. (32) Date : (33) Name of convention country : (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA	(71) Name of the Applicant : CP & P CO. LTD., OF AZIZ B/D 8 TH FLOOR, 107-45 BANPO-DONG, SEOCHO-KU, 107-040, SEOUL, REPUBLIC OF KOREA, RYU HAIL, OF 527-88, GUAM-DONG, YUSEONG-GU, DAEJEON-SI 305-311, REPUBLIC OF KOREA AND WON JONG-MYOUNG, OF KUKDONG APT, 101-1105, 595 HUPYEONG 1-DONG, CHUNCHEON, KANGWON-DO 200-161, REPUBLIC OF KOREA. (72) Name of the Inventors : 1. RYU HAIL, 2. WON JONG-MYOUNG, 3. KIM CHUL KAP.
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(57) Abstract :

The invention relates to a pulp preparing method and, more particularly, to a method for preparing a paper pulp from cornstalks including the steps of high-pressure cooking, beating, dispersion and drying performed in a moderate condition that has little noxious effect on the environment. Using cornstalks as a raw material for paper pulp can replace import of wood raw material, save foreign currency, increase rural income and can make high quality paper similar to Korean paper.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/01476 A (22) Date of filing of : 29/11/2002 application
 (54) Title of the Invention : "NOVEL PYRAZINE DERIVATIVES OR SALTS THEREOF, PHARMACEUTICAL COMPOSITION CONTAINING THE SAME, AND PRODUCTION INTERMEDIATES THEREOF."

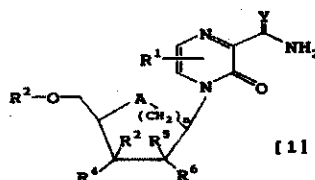
(51) International classification : C07H 19/04 (30) Priority Data : (31) Document No. 2000-37486, 2000-40439 & 2000-90071 (32) Date : 16/02/2000, 18/02/2000 & 29/03/2000 (33) Name of convention country : JP (66) Filed U/s 5(2) : NIL (61) Patent of addition to application No. NA (62) Filed on : NA (63) Divisional to Application No. : IN/PCT/02/01017 (64) Filed on : 08/08/2002	(71) Name of the Applicant : TOYOMA CHEMICAL CO. LTD., OF 2-5, 3 CHOME, NISHISHINJUKU, SHINJUKU-KU, TOKYO, JAPAN. (72) Name of the Inventors : 1. EGAWA HIROYUKI, 2. FURUTA YOUSUKE, 3. SUGITA JUN, 4. UEHARA SAYURI, 5. HAMAMOTO SHOICHI, 6. YONEZAWA KENJI.
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(57) Abstract :

230

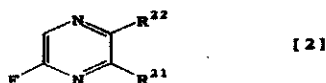
ABSTRACT

Pyrazine derivatives represented by general formula [1]:



wherein the variables are as defined in the specification, or salts thereof have an excellent antiviral activity and are useful as a therapeutic agent for treating viral infections.

Further, fluoropyrazine-carboxamide derivatives represented by general formula [2]:



wherein the variables are as defined in the specification, or salts thereof are useful as an intermediate for production of the compounds of general formula [1], and as an intermediate for production of the fluoropyrazine-carboxamide derivatives of which one typical example is 6-fluoro-3-hydroxy-2-pyrazine-carboxamide having an antiviral activity.

Publication After 18 months.

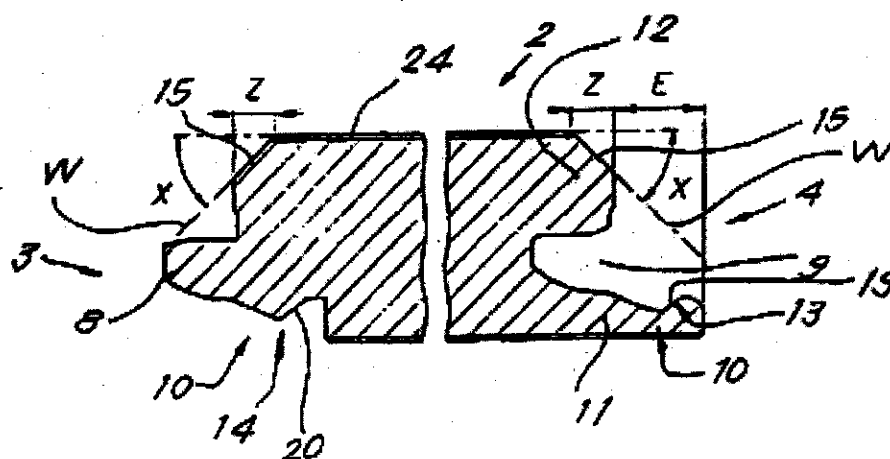
The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. IN/PCT/2002/01477 A

(22) Date of filing of : 29/11/2002
application

(54) Title of the Invention : "FLOOR COVERING."

<p>(51) International classification : E04F 15/04 (30) Priority Data : (31) Document No. 20000381 (32) Date : 13/06/2000 (33) Name of convention country : BE (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NA (64) Filed on :NA</p>	<p>(71) Name of the Applicant : FLOORING INDUSTRIES LTD., OF WEST BLOCK, IFSC, DUBLIN 1 IRELAND. (72) Name of the Inventors : THIERS, BERNARD, PAUL, JOSEPH</p>
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(57) Abstract: Floor covering consisting of hard panels (2), whereby these panels (2) are provided, at least on two opposite edges (3-4; 5-6), with coupling means (7) made in one piece with the panels (2), so that several of such panels (2) can be mutually coupled, whereby these coupling means (7) provide for an interlocking in a direction (R1) perpendicular to the plane of the floor covering (1), as well as in a direction (R2) perpendicular to the edges (3-4; 5-6) concerned and parallel to the plane of the floor covering (1), and whereby these coupling means (7) are made such that the panels (2) can be rotated into and/or out of one another at least along the above-mentioned edges (3-4; 5-6), characterised in that the panels (2) are provided, at least on the above-mentioned edges (3-4; 5-6), near the top side, with a part from which has been removed an amount of material.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. IN/PCT/2002/01478 A

(22) Date of filing of : 29/11/2002
application

(54) Title of the Invention : "PLIABLE METAL CATALYST CARRIERS, CONFORMABLE CATALYST MEMBERS MADE THEREFROM AND METHODS OF INSTALING THE SAME."

(51) International classification : B01J 32/00

(30) Priority Data :

(31) Document No. 09/586,445

(32) Date : 02/06/2000

(33) Name of convention country : U.S.A.

(66) Filed U/s 5(2) :NIL

(61) Patent of addition to application No. NA

(62) Filed on :NA

(63) Divisional to Application No. :NA

(64) Filed on :NA

(71) Name of the Applicant : ENGELHARD CORPORATION, OF 101 WOOD AVENUE, P.O. BOX 770, ISELIN, NJ 08830-0770 U.S.A.

(72) Name of the Inventors :

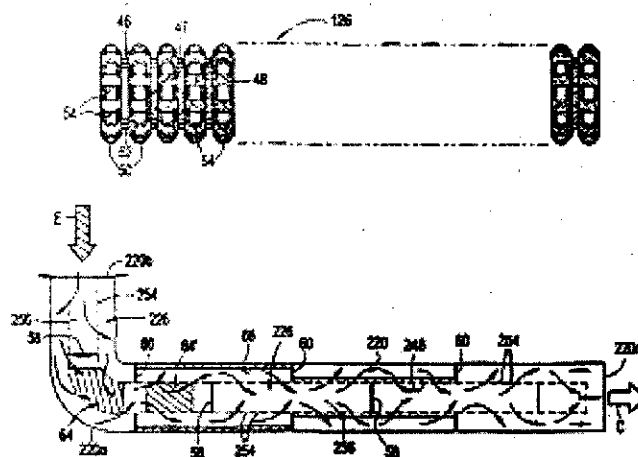
1. GALLIGAN, MICHAEL, P.,

2. DETTLING, JOSEPH, C.,

3. CHEN, SHAU-LIN, F.,

4. LARKIN, MATHEW, P.,

(57) Abstract :



A pliable refractory metal carrier (46) may have coated thereon an anchor layer (47) to improve adherence to the carrier (46) of a catalytic coating (48). The conformable catalyst member (26, 82, 82', 126, 226, 326) may be bent to conform to a curved or bent exhaust pipe (20, 220, 320) within which it is mounted. The pliable metal carrier may be in the form of a tube such as carrier (46) having perforations (54) formed therein, or it may be a metal strip (76) which is folded into accordion pleats (80) and has perforations (78) formed therein. The perforations (54, 78) serve to permit the passage of exhaust gas therethrough. A series of interior closures (58) and annular baffles (60) may be provided to impart a serpentine flow path to gases flowed through an exhaust pipe (22) containing a conformable catalyst member (226) therein. A mounting member (68) may be supplied to fasten one end of the conformable catalyst member (226) to the discharge end of an exhaust pipe (220).

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/01479 A (22) Date of filing of : 29/11/2002
application
(54) Title of the Invention : "FRAME SYNCHRONIZATION APPARATUS AND FRAME SYNCHRONIZATION METHOD."

<p>(51) International classification : H04L 7/08, H04Q 7/32 (30) Priority Data : (31) Document No. 2001-117304 & 2001-127484 (32) Date : 16/04/2001 & 25/04/2001 (33) Name of convention country : JP (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NA (64) Filed on :NA</p>	<p>(71) Name of the Applicant : MATSUSHITA ELECTRIC INDUSTRIAL CO. LTD., OF 1006, OAZA KADOMA, KADOMA-SHI, OSAKA 571-8501 JAPAN. (72) Name of the Inventors : 1. MORITA MINORI, 2. FUTAGI SADAHI, 3. UESUGI MITSURU</p>
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(57) Abstract : Averaging section 101 performs shifting average of the calculated correlation value. Magnification factor multiplying section 102 multiplies the correlation value subjected to shifting average by a predetermined magnification factor. Ideal correlation value generating section 103 uses the reception signal received under channel state without level fluctuation, noise, and delay wave which are caused by fading fluctuation, a known signal inserted in the reception signal, and a similar known signal to calculate the ideal correlation value. The ideal correlation value which is subjected to time shifting in time shifting section 104 is outputted to square error detecting section 105. Square error detecting section 105 detects the square error between correlation value from magnification factor multiplying section 102 and ideal correlation value from time shifting section 104. Minimum error detecting section 106 detects the minimum value among the detected square error, namely, minimum square error. Shifting time detecting section 107 detects synchronization time using the detected minimum square error.

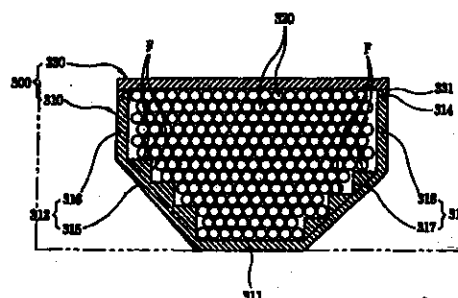
Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/01480 A (22) Date of filing of : 02/12/2002
application
(54) Title of the Invention : "BOBBIN FOR RECIPROCATING MOTOR AND
FABRICATION METHOD THEREOF."

<p>(51) International classification : H02K 33/16, 1/12, H01F 5/02 (30) Priority Data : (31) Document No. 2001/21165 (32) Date : 19/04/2001 (33) Name of convention country : KOREA (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NA (64) Filed on :NA</p>	<p>(71) Name of the Applicant : LG ELECTRONICS INC., OF 20, YOIDO-DONG, YONGDUNGPO-KU, SEOUL 150-721 KOREA. (72) Name of the Inventors : 1. DO JIN-YEONG, 2. JUNG WON-HYUN, 3. KIM HYEONG-SUK, 4. JEON SI-HANG, 5. YOON HYUNG-PYO</p>
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(57) Abstract : A bobbin of a reciprocating motor includes; a bobbin body having first and second side wall portions each being extended with a predetermined height to have a slope portion from both sides of an annular bottom portion with a predetermined width; a winding coil wound several times in a space formed inside the bobbin body; and a cover coupled to the bobbin body to cover the winding coil. A method for fabricating the bobbin of a reciprocating motor including the steps of first molding a bobbin body having first and second side wall portions each being extended with a certain height to have a slope portion at both sides of an annular bottom portion with a certain width and forming a certain space therein; fabricating a winding coil by winding a coil several times in a space formed inside the bobbin body; and second molding a cover coupled to the bobbin body to the bobbin body to cover the winding coil. The winding coil constituting the reciprocating motor and the outer core, the laminated body, are fabricated easily. In addition, since the length of the permanent magnet of the move is reduced, a manufacture unit cost of the motor can be reduced as well as heightening an effect of a mass production.



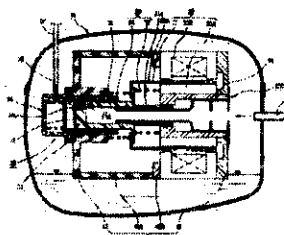
Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/01481 A (22) Date of filing of : 02/12/2002 application
 (54) Title of the Invention : SUCTION GAS GUIDING SYSTEM FOR RECIPROCATING COMPRESSOR."

<p>(51) International classification : F04B 35/04 (30) Priority Data : (31) Document No. 2001/18280 (32) Date : 06/04/2001 (33) Name of convention country : KOREA (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA</p>	<p>(71) Name of the Applicant : LG ELECTRONICS INC., OF 20, YOIDO-DONG, YONGDUNGPO-KU, SEOUL 150-721 KOREA. (72) Name of the Inventors : 1. PARK JUNG-SIK, 2. KANG KYUNG-SEOK, 3. WOO SUNG-TAE.</p>
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(57) Abstract : A suction gas guiding system for a reciprocating compressor comprises; a shell in which a suction pipe and a discharge pipe are communicated; a reciprocating motor including a stator having an inner stator and an outer stator fixed in the shell with a certain air gap there between, and an armature disposed in the air gap between the two stator to undergo reciprocating movement; a compression unit including a piston coupled to the armature of the reciprocating motor and undergoing reciprocating movement with the armature, in which an inner flowing passage is installed as penetrating inside of the piston, and a cylinder supported on outside of the reciprocating motor so that the piston is inserted into the cylinder slidably; a frame unit connecting and supporting the reciprocating motor and the compression unit; a spring unit for elastically supporting the armature of the reciprocating motor in the motional direction, a gas guide conduit penetrating the inner stator and having two ends installed on the suction pipe and on the inner flowing passage of the piston to face each other, so as to guide the sucked gas in the shell to the inner flowing passage of the piston smoothly through the gas guiding conduit to improve the suction rate of the gas and the efficiency of the compressor, and the noise and vibration generated when the gas is sucked is attenuated and reduced in the resonating spaces to reduce noise and the flowing resistance against the sucked gas, whereby the reliability and the efficiency of the compressor is improved. Also, the pre-heating of the refrigerant gas sucked into the shell by the motor is prevented, and therefore, the specific volume of the refrigerant gas is not increased, whereby the efficiency of the compressor can be improved, and also, the gas guide conduit is assembled after a plurality of components are molded and therefore, the assembling process of the gas guide conduit is easy, whereby the productivity of the compressor can be improved.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/01482 A (22) Date of filing of : 02/12/2002 application
(54) Title of the Invention : "PROMOTING WHOLE BODY HEALTH."

(51) International classification : A61K 31/00, 31/407, 31/426, 31/4164, 45/06, 7/16, A61P 1/02 (30) Priority Data : (31) Document No. 09/607,602 (32) Date : 30/06/2000 (33) Name of convention country : U.S.A. (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA	(71) Name of the Applicant : THE PROCTER & GAMBLE COMPANY, ONE PROCTE & GAMBLE PLAZA, CINCINNATI, OH 45202, U.S.A. (72) Name of the Inventors : 1. DOYLE MATHEW JOSEPH, 2. HUNTER-RINDERLE STEPHEN JOSEPH, 3. SINGER ROBERT ERNEST JR.
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(57) Abstract :

The present invention relates to promoting whole body health in humans and animals by using topical oral compositions comprising a safe and effective amount of a host-response modulating agent in admixture with a pharmaceutically acceptable carrier, said compositions being effective in mediating host reaction to the presence of periodontal pathogens in the oral cavity as well as the toxins and endotoxins released by these pathogens and the inflammatory cytokines and mediators prompted by these oral pathogens.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/01483 A (22) Date of filing of : 02/12/2002 application
(54) Title of the Invention : "PROMOTING WHOLE BODY HEALTH."

(51) International classification : A61K 7/16, 7/20 (30) Priority Data : (31) Document No. 09/607,729 (32) Date : 30/06/2000 (33) Name of convention country : U.S.A. (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA	(71) Name of the Applicant : THE PROCTER & GAMBLE COMPANY, ONE PROCTE & GAMBLE PLAZA, CINCINNATI, OH 45202, U.S.A. (72) Name of the Inventors : 1. DOYLE MATHEW JOSEPH, 2. HUNTER-RINDERLE STEPHEN JOSEPH, 3. SINGER ROBERT ERNEST JR. 4. WIMALASENA, ROHAN, LALITH
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(57) Abstract :

The present invention relates to promoting whole body health in humans and animals by using topical oral compositions comprising a safe and effective amount of chlorite ion in admixture with a pharmaceutically acceptable carrier, said compositions being effective in controlling bacterial-mediated diseases and conditions present in the oral cavity and inhibiting the spread into the bloodstream of oral pathogenic bacteria and associated bacterial toxins and resultant inflammatory cytokines and mediators. The present invention also encompasses methods of use of these compositions by topically applying to the oral cavity, a safe and effective amount of chlorite ion to promote and/or enhance whole body health in humans and other animals.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/01484 A (22) Date of filing of : 02/12/2002
application
(54) Title of the Invention : "PROMOTING WHOLE BODY HEALTH."

(51) International classification : A61K 7/16, 7/22, 31/05, 31/14, 31/155, 33/30, 33/34, 45/06, A61P 1/02 (30) Priority Data : (31) Document No. 09/607,240 (32) Date : 30/06/2000 (33) Name of convention country : U.S.A. (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA	(71) Name of the Applicant : THE PROCTER & GAMBLE COMPANY, ONE PROCTER & GAMBLE PLAZA, CINCINNATI, OH 45202, U.S.A. (72) Name of the Inventors : 1. DOYLE MATHEW JOSEPH, 2. HUNTER-RINDERLE STEPHEN JOSEPH, 3. SINGER ROBERT ERNEST JR.
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(57) Abstract :

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The present invention relates to promoting whole body health in humans and animals by using topical oral compositions comprising a safe and effective amount of an antimicrobial agent in admixture with a pharmaceutically acceptable carrier, said compositions being effective in controlling bacterial-mediated diseases and conditions present in the oral cavity and in inhibiting the spread into the bloodstream of pathogenic oral bacteria, associated bacterial toxins and endotoxins, and resultant inflammatory cytokines and mediators. The present invention also encompasses methods of use of these compositions by topically applying to the oral cavity, a safe and effective amount of an antimicrobial agent to promote and/or enhance whole body health in humans and other animals.

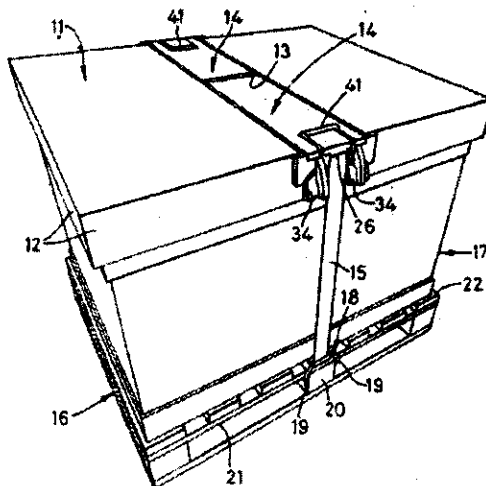
Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/01485 A (22) Date of filing of : 02/12/2002
application
(54) Title of the Invention : "LOAD HANDLING PALLETS AND LOAD STRAPPING MEANS."

<p>(51) International classification : B65D 71/02, B60P 7/02 (30) Priority Data : (31) Document No. 0014655.5, 0014657.1 & 0014658.9 (32) Date : 16/06/2000 (33) Name of convention country : G.B. (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA</p>	<p>(71) Name of the Applicant : GRIPLE LIMITED, THE OLD WEST GUN WORKS, SAVILE STREET EAST, SHEFFELD, S4 7UQ, GREAT BRITAIN. (72) Name of the Inventors : 1. FACYE HUGH DAVID, 2. SHAWCROSS BRIAN EDWARD, 3. MAKIN JOHN.</p>
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(57) Abstract :



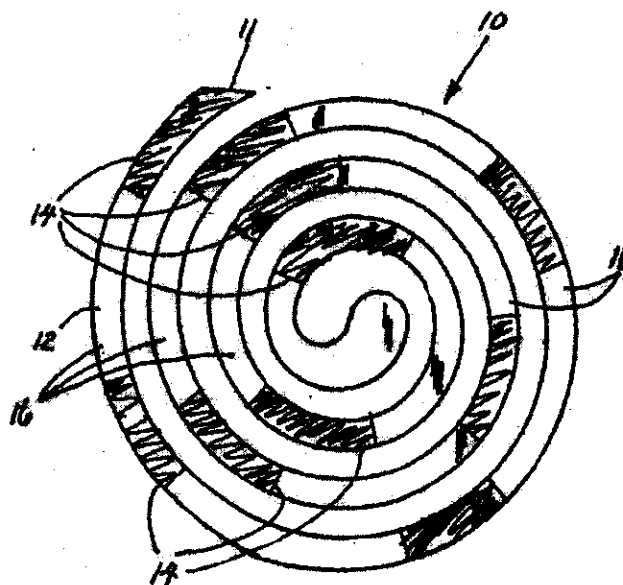
Load strapping means for use with 4-way pallets comprises a cap (11) for placing on a load (17) on a 4-way pallet (16), at least two strapping strands (15) retractable through openings (26) into housings (14) at opposite sides (at least) of the cap, spring means within the housings for retracting the strapping strands, hooks (18) on the free ends of the strapping strands for engagement with the underside (21) of the platform (22) of a 4-way pallet, tensioning means within the housings for tightening the strapping strands between the cap and the pallet after interposing a load between the cap and the pallet, and stop means (34) for limiting retraction of the hooks into the housings when not engaged with a pallet. Such a cap (11) can be used without need to modify existing 4-way pallets, particularly - but not exclusively - those made of wood. Each hook (18) preferably has two prongs (19) spaced apart so as to fit one to each side of a middle spacer (20) of a 4-way pallet, without being in danger of damage or dislodgement by the forks of a fork-lift truck.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/01486 A (22) Date of filing of : 03/12/2002 application
- (54) Title of the Invention : "IMPROVED INSECT COIL."

<p>(51) International classification : A01N 25/20, 53/00</p> <p>(30) Priority Data :</p> <p>(31) Document No. 09/661,350</p> <p>(32) Date : 14/09/2000</p> <p>(33) Name of convention country : U.S.A.</p> <p>(66) Filed U/s 5(2) :NIL</p> <p>(61) Patent of addition to application No. NA</p> <p>(62) Filed on :NA</p> <p>(63) Divisional to Application No. :NIL</p> <p>(64) Filed on :NA</p>	<p>(71) Name of the Applicant : S. C. JOHNSON & SON INC., 1525 HOWE STREET, RACINE, WI 53403, U.S.A.</p> <p>(72) Name of the Inventors :</p> <ol style="list-style-type: none"> 1. FLASHINSKI STANLEY J., 2. EMMRICH ROBERT R., 3. SOSA ANTHONY, 4. ELAND DAVID S.,
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(57) Abstract :

An insect coil having an extended, burnable body. The body has multiple treated zones bearing a volatilizable insect control active ingredient at insect controlling levels separated by spacing zones bearing a level of insect control active ingredient lesser than that of the treated zones. When burned, the insect coil releases bursts spaced in time of the active ingredient in insect controlling quantities. Preferably the spacing zones are active ingredient free, and the first treated zone to be burned has an active ingredient level higher than the remaining treated zones. A method of controlling insects by use of the insect coil also is disclosed.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/01487 A (22) Date of filing of : 03/12/2002 application
(54) Title of the Invention : "NEUROPROTECTIVE PEPTIDES."

(51) International classification : A61K 38/00, C07K 2/00, 5/00, 9/00 (30) Priority Data : (31) Document No. 60/207,654 (32) Date : 26/05/2000 (33) Name of convention country : U.S.A. (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA	(71) Name of the Applicant : ORTHO MCNEIL PHARMACEUTICAL, INC., US ROUTE 202 RARITAN, NJ 08869, U.S.A. (72) Name of the Inventors : 1. SMITH-SWINTOSKY VIRGINIA, 2. RENZI MICHAEL, 3. PLATA-SALAMAN CARLOS, 4. JOLLIFFE LINDA, 5. FARRELL FRANCIS, 6. JOHNNSON DANA L.;
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(57) Abstract :

Methods of treating diseases of the nervous system by administration of compositions having the neurological therapeutic activity of human erythropoietin are disclosed. These compositions include therapeutic agents such as peptides, peptide dimers, polypeptides, and proteins that have the full range of biological activity of human erythropoietin or only certain biological activities of erythropoietin. Improved therapeutic regimens where the erythropoietin is administered at concentrations below those required to stimulate hematopoiesis are also provided.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

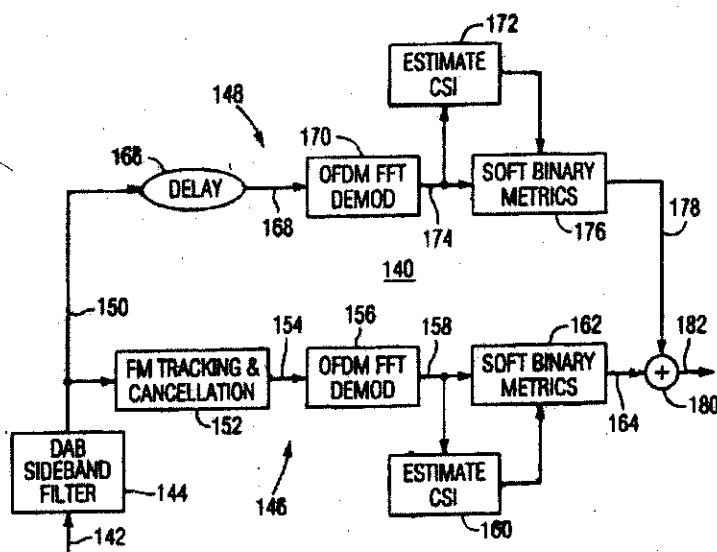
(21) Application No. IN/PCT/2002/01488 A

(22) Date of filing of : 03/12/2002
application

(54) Title of the Invention : "METHOD AND APPARATUS FOR REDUCTION OF INTERFERENCE IN FM IN-BAND ON-CHANNEL DIGITAL AUDIO BROADCASTING RECEIVERS."

<p>(51) International classification : H04H 1/00 (30) Priority Data : (31) Document No. 09/595,369 (32) Date : 15/06/2000 (33) Name of convention country : U.S.A. (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA</p>	<p>(71) Name of the Applicant : IBIQUITY DIGITAL CORPORATION, OF SUITE 202, 8865 STANFORD BOULEVARD, COLUMBIA, MD 21045, U.S.A. (72) Name of the Inventors : 1. KROEGER, BRIAN, WILLIAM, 2. BAIRD, JEFFREY, S.</p>
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(57) Abstract :



This invention provides a method for reducing radio frequency interference in an FM in-band on-channel digital audio broadcasting receiver. The method comprises the steps of receiving a composite signal including a signal of interest and an interfering signal, demodulating the composite signal to produce a first demodulated signal, computing a first binary soft decision from the first demodulated signal, processing the composite signal to produce a processed signal, demodulating the processed signal to produce a second demodulated signal, computing a second binary soft decision from the second demodulated signal, and combining the first and second binary soft decisions to produce an output signal. Radio receivers that utilize the above method are also included.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/01489 A (22) Date of filing of : 03/12/2002
application
(54) Title of the Invention : "SILICON COATINGS CONTAINING SILICONE MIST
SUPPRESSANT COMPOSITIONS."

(51) International classification : C09D 183/07 (30) Priority Data : (31) Document No. 09/599,381 (32) Date : 22/06/2000 (33) Name of convention country : U.S.A. (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA	(71) Name of the Applicant : DOW CORNING CORPORATION, OF 2200 WEST SALZBURG ROAD, MIDLAND, MI 48686-0994, U.S.A. (72) Name of the Inventors : 1. CLARK JOSEPH, 2. VAN DORT PAUL.
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(57) Abstract : This invention relates to silicone coating composition comprising a solvent less silicone coating composition and a liquid silicone mist suppressant composition obtained by a method comprising reacting at least one organohydrogensilicon compound containing at least two silicon-bonded hydrogen groups with a large excess of at least one organoalkenylsiloxane containing at least three silicon-bonded alkenyl groups in the presence of a platinum group metal-containing catalyst.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. IN/PCT/2002/01490 A

(22) Date of filing of : 03/12/2002
application

(54) Title of the Invention : "COMBUSTION ENHANCEMENT SYSTEM AND METHOD."

(51) International classification : F02D19/08, 9/00, F02P 3/10, H01T 13/50

(30) Priority Data :

(31) Document No. 60/210,243

(32) Date : 08/06/2000

(33) Name of convention country : U.S.A.

(66) Filed U/s 5(2) : NIL

(61) Patent of addition to application No. NA

(62) Filed on : NA

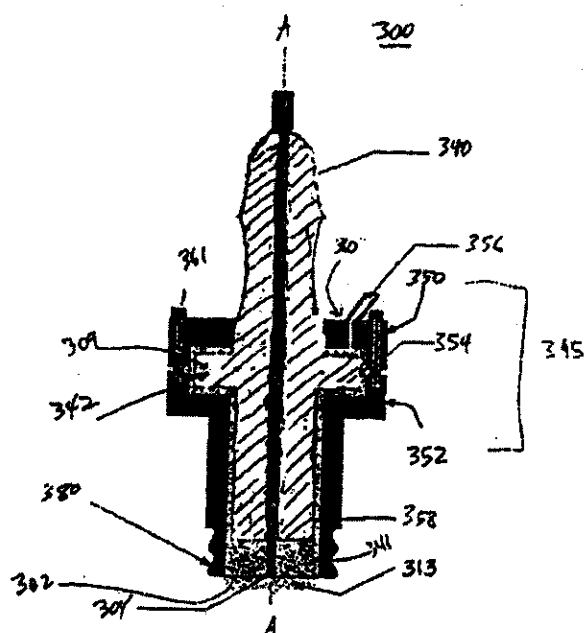
(63) Divisional to Application No. : NIL

(64) Filed on : NA

(71) Name of the Applicant : KNITE, INC.,
OF 1H DEER PARK DRIVE, MONMOUTH
JUNCTION, NJ 08852, U.S.A.

(72) Name of the Inventors :

1. SUCKEWER SZYMON,
2. SUCKEWER ARTUR PETER.

(57) Abstract :

A combustion enhancement system that enhances combustion by providing enriched with hydrogen-enriched fuel to a combustion region, and igniting the combustible hydrogen-enriched fuel by one or more ignitor is disclosed. The ignitor includes a housing having a first portion and a second portion, a first and a second electrically conductive surfaces spaced from the first electrically conductive surface to form a discharge gap. The discharge gap has a discharge initiation region. A fluid passage extends between the first portion and the second portion being in communication with the discharge gap. A fuel supply provides at least one of fuel or air/fuel mixture to the gap. A controller provides at least one electrical pulse between the first conductive surface and second conductive surface that dissociates at least one of fuel or air/fuel mixture passing through the discharge gap. A method is also provided to dissociate a fuel or air/fuel mixture for the system. The method includes locating the ignition device so that the discharge gap is in direct communication with the combustion region, and dissociating at least one of fuel, air/fuel or combustible fuel mixture by the discharge gap. A method of igniting is also provided. The method includes passing an electrical pulse of first voltage at a first current to the first and a second electrically conductive surface.

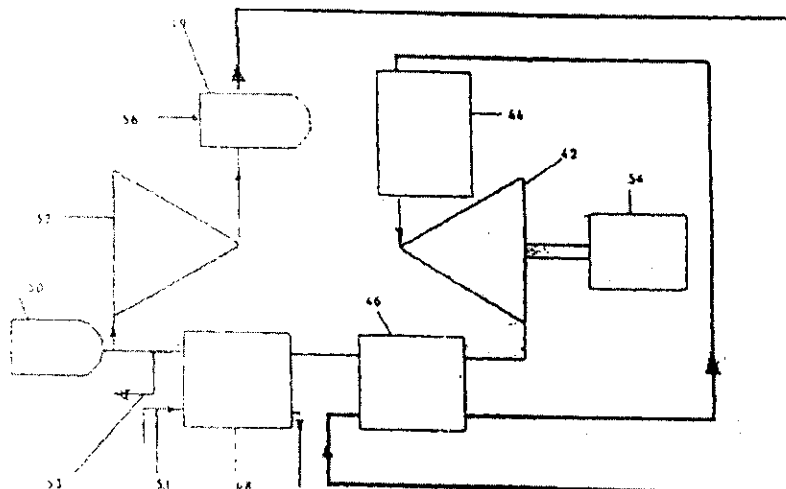
Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/01492 A (22) Date of filing of : 04/12/2002
application
(54) Title of the Invention : "HEAT ENGINES AND ASSOCIATED METHODS OF PRODUCING MECHANICAL ENERGY AND THEIR APPLICATION TO VEHICLES."

<p>(51) International classification : F02C 1/10, F28C 3/06, F28D 20/00, F02G 1/043, 1/057 (30) Priority Data : (31) Document No. PQ 7850 (32) Date : 30/05/2000 (33) Name of convention country : AUSTRALIA (66) Filed U/s 5(2) : NIL (61) Patent of addition to application No. NA (62) Filed on : NA (63) Divisional to Application No. : NIL (64) Filed on : NA</p>	<p>(71) Name of the Applicant : COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION, OF LIMESTONE AVENUE, CAMPBELL, ACT 2612, AUSTRALIA. (72) Name of the Inventors : 1. WENDT MICHAEL, 2. SU SHI, 3. GLYNN PATRICK J.</p>
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(57) Abstract :



A closed cycle gas turbine system (40) comprising system comprising a compressor (52) for producing compressed gas, a gas turbine (42) for receiving the compressed gas, a heat storage means (44) having a first heat transfer means and adapted to receive the compressed gas from the compressor (52) and transmit the compressed gas to the gas turbine (42) and a second heat transfer means (46) for receiving exhaust gas from the gas turbine (42) and transmitting it to the compressor (52) and wherein the second heat transfer means (46) is adapted to transfer at least some heat from the exhaust gas prior to it being transferred to the compressor (52).

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. IN/PCT/2002/01493 A

(22) Date of filing of : 04/12/2002
application

(54) Title of the Invention : "DEMODULATION CIRCUIT AND DEMODULATION METHOD."

(51) International classification : H03D 1/10

(30) Priority Data :

(31) Document No. 100 29 271.2

(32) Date : 14/06/2000

(33) Name of convention country : DE

(66) Filed U/s 5(2) :NIL

(61) Patent of addition to application No. NA

(62) Filed on :NA

(63) Divisional to Application No. :NIL

(64) Filed on :NA

(71) Name of the Applicant : INFINEON
TECHNOLOGIES AG., OF ST-MARTIN-
STRASSE 53 81669 MUNCHEN,
GERMANY.

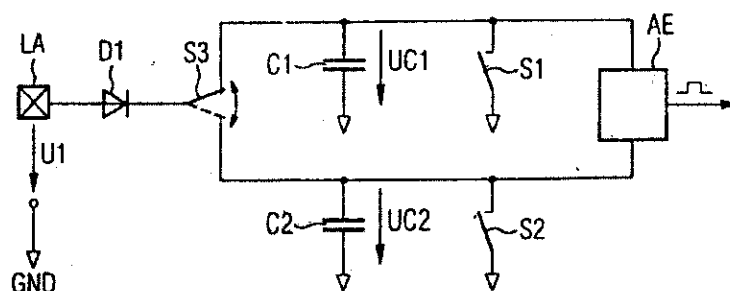
(72) Name of the Inventors :

1. KARGL, WALTER,

2. KUPNIK MARIO,

3. NEUHOLD, ERNST.

(57) Abstract : Two capacitors (C1, C2) are provided for demodulation of an amplitude-modulated signal and can be supplied with a signal which is rectified by a diode (D1) and is at a voltage (U1). The half-cycles of this signal are used for charging the first or second capacitor alternately, by means of a switch (S3). The capacitors (C1, C2) are discharged by means of switches (S1, S2). Comparison of the amplitude values, which are stored in the capacitors (C1, C2), of successive half-cycles in an evaluation unit (AE) allows simple and precise demodulation, which can be achieved with few components and can be carried out at very high frequencies.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. IN/PCT/2002/01494 A

(22) Date of filing of : 04/12/2002
application

(54) Title of the Invention : "CONNECTING BARS MADE OF PROFILED SEMIFINISHED MATERIALS, FOR ELECTRICAL APPLIANCES AND DEVICES, FOR DIFFERENT NOMINAL CURRENTS."

(51) International classification : H01H 1/58

(30) Priority Data :

(31) Document No. 100 32 654.4

(32) Date : 28/06/2000

(33) Name of convention country : DE

(66) Filed U/s 5(2) :NIL

(61) Patent of addition to application No. NA

(62) Filed on :NA

(63) Divisional to Application No. :NIL

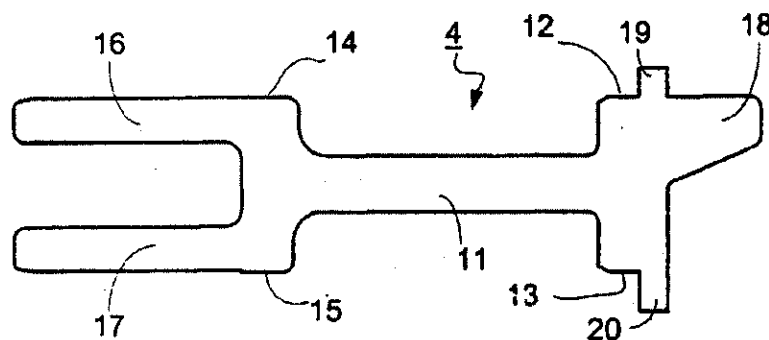
(64) Filed on :NA

(71) Name of the Applicant : SIEMENS
AKTIENGESELLSCHAFT,
WITTELSBACHERPLATZ 2, 80333
MUNCHEN, GERMANY.

(72) Name of the Inventors :

1. BACH MICHAEL,
2. SEBEKOW MICHAEL,
3. SEIDLER STAHL,
4. SCHMIDT DETLEV,
5. THIEDE INGO,
6. TUERKMEN SEZAI.

(57) Abstract : The connecting bar according to the invention consists of a solid profile (11), which is provided with first bearing surfaces (12, 13) and second bearing surfaces (14, 15) to provide support in the window opening (21, 22) of the rear wall (2) of the housing, the second bearing surfaces (14, 15) having continuations (16, 17) for securing continuing current conductors, which are aligned parallel to each other and, for example in the case of low-voltage power circuit breakers, are formed as isolating contacts for fixed counter-contacts. For securing the flexible stranded conductors to the movable switching contacts (10) or for securing the fixed switching contacts (5), respectively corresponding lugs (18, 23) are provided.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/01495 A (22) Date of filing of : 05/12/2002 application
- (54) Title of the Invention : "TEXTILE SURFACE."

(51) International classification : D06N 7/00, 3/00, 3/18, D06B 1/00, D06M 15/19 (30) Priority Data : (31) Document No. 101 05 234.0 (32) Date : 02/02/2001 (33) Name of convention country : DE (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA	(71) Name of the Applicant : SCHOELLER TEXTIL AG., SWITZERLAND, BAHNHOFSTRASSE 17, CH-9475 SEVELEN, A SWISS COMPANY. (72) Name of the Inventors : 1. HUBNER, HAND-JURGEN, 2. LOTTENBACH, ROLAND.
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(57) Abstract :

The aim of the invention is to produce a textile surface (1), one side of which exhibits hydrophilic properties and the other side hydrophobic properties, whose overall cross-section is hydrophilic. To achieve this, a paste (11) consisting of a viscous emulsion or dispersion of paraffin, polysiloxane and/or fluorine compounds is applied to one side. The layer that has been formed by the first paste (11) is then stabilised by means of a drying process (4) and a second paste (12), consisting of a hydrophilic polymer is subsequently applied to the other side of the textile surface (1), said paste being stabilised by an additional drying process (5). Said steps provide a textile surface (1), which can be produced simply and cost-effectively, is extremely comfortable to wear and which ensures that moisture is immediately absorbed on the hydrophilic side, dispersed over a large area and rapidly removed, whereas the hydrophobic side of said textile surface (1) repels water.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/01496 A (22) Date of filing of : 05/12/2002 application
- (54) Title of the Invention : "METALLOPROTEASE PEPTIDE SUBSTRATES AND METHODS."

(51) International classification : C07K (30) Priority Data : (31) Document No. 09/588,417 (32) Date : 06/06/2000 (33) Name of convention country : U.S.A. (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA	(71) Name of the Applicant : ORTHO-MCNEIL PHARMACEUTICAL, INC., OF U.S. ROUTE 202, RARITAN, NEW JERSEY 08869 U.S.A (72) Name of the Inventors : 1. FOURIE, ANNE, 2. KARLSSON LARS, 3. THURMOND ROBIN.
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(57) Abstract : The present invention describes natural or synthetic peptide substrates of the metalloproteases, ADAM8, ADAM15 and MDC-L. The invention also describes methods using these peptides to discover pharmaceutical agents that modulate this protease.

Publication After 18 months.

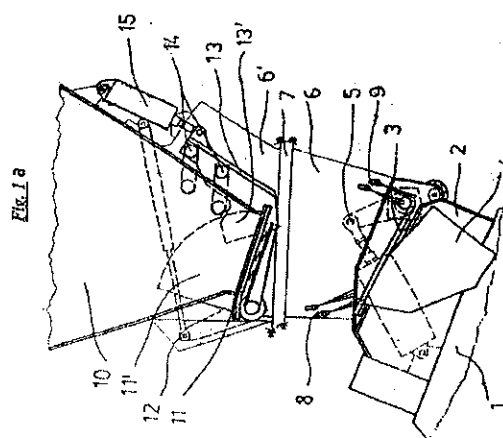
The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/01497 A (22) Date of filing of : 05/12/2002
application
(54) Title of the Invention : "METHOD AND DEAVICE FOR THE PREPARATION OF
MOULD SAND."

<p>(51) International classification : B22C 5/04, 5/08, 5/18, B01F 13/06, 15/02, (30) Priority Data : (31) Document No. 100 30 675.6 (32) Date : 23/06/2000 (33) Name of convention country : DE (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA</p>	<p>(71) Name of the Applicant : MASCHINENFABRIK GUSTAV EIRICH GMBH & CO. KG., WALLDURNER STRASSE 50, 74736 HARDHEIM, GERMANY.</p> <p>(72) Name of the Inventors : 1. GREISSING UWE, 2. ADELMANN DIETER, 3. EIRICH PAUL, 4. DURR HERBERT, 5. DIEM WINFRIED.</p>
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(57) Abstract :

The invention relates to a method for the preparation of foundry sand by means of a mixing process which is carried out in a mixer (1), said preparation occurring at least partially in a vacuum. In order to provide a method and device for the preparation of low-cost foundry sand which can be used in an efficient manner, whereby said foundry sand has a uniform temperature and homogeneous quality in addition to being able to be charged more quickly and therefore economically in comparison with other mixers, the foundry sand is added, at least intermittently, in the form of a volume flow of at least 100 l/s through an opening in the mixer which has a cross-sectional area of at least 0.25 m², preferably at least 0.4 m², more preferably at least 0.5 m².



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. IN/PCT/2002/01498 A

(22) Date of filing of : 05/12/2002
application

(54) Title of the Invention : "MULTI-GRADIENT DRILLING METHOD AND SYSTEM."

(51) International classification : E21B 21/08, 21/00

(30) Priority Data :

(31) Document No. 60/210,419 & 09/874,179

(32) Date : 08/06/2000 & 05/06/2001

(33) Name of convention country : U.S.A.

(66) Filed U/s 5(2) : NIL

(61) Patent of addition to application No. NA

(62) Filed on : NA

(63) Divisional to Application No. : NIL

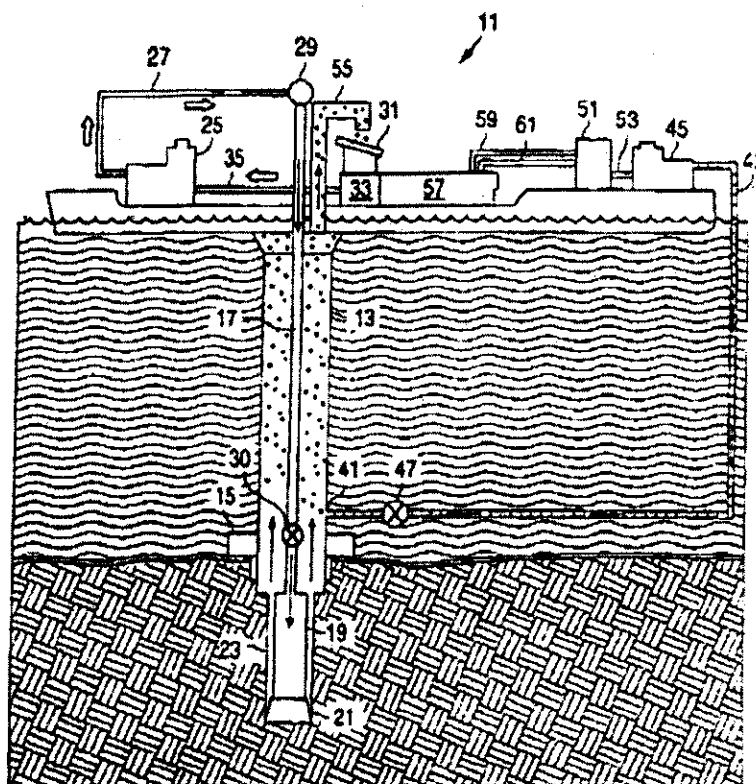
(64) Filed on : NA

(71) Name of the Applicant : MAURER TECHNOLOGY INCORPORATED, OF SUITE 800, 13135 SOUTH DAIRY ASHFORD, SUGAR LAND, TX 77478, U.S.A.

(72) Name of the Inventors :

1. MAURER, WILLIAM, C.,
2. MEDLEY, GEORGE, H., JR.,
3. MCDONALD, WILLIAM, J.

(57) Abstract :



A multi-gradient system for drilling a well bore from a surface location into a seabed includes an injector for injecting buoyant substantially incompressible articles into a column of drilling fluid associated with the well bore. Preferably, the substantially incompressible articles comprises hollow substantially spherical bodies.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/01502 A (22) Date of filing of : 09/12/2002 application
(54) Title of the Invention : PURIFICATION METHOD OF N-(1(S)-ETHOXYCARBONYL-3-PHENYLPROPYL)-L-ALANINE."

(51) International classification : C07C 229/36, 227/42 (30) Priority Data : (31) Document No. 2001-078695 (32) Date : 19/03/2001 (33) Name of convention country : JAPAN (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA	(71) Name of the Applicant : KANEKA CORPORATION, OF 2-4, NAKANOSHIMA 3-CHOME, KITA-KU, OSAKA-SHI, OSAKA 530-8288, JAPAN. (72) Name of the Inventors : 1. MATSUMOTO AKIRA, 2. NOMURA MICHIO, 3. KOGAME YOSHIKAZU, 4. UEDA YASUYOSHI.
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- (57) Abstract : The present invention is to provide a purification method of obtaining N-(1(S)-ethoxycarbonyl-3-phenylpropyl)-L-alanine of high quality in good yield with high productivity, which is accordingly suited for commercial scale application.

An impurity-contaminated N-(1(S)-ethoxycarbonyl-3-phenylpropyl)-L-alanine is crystallized from a mixed solvent of alcohol and water in a volume ratio of alcohol/water being 1 to 20 to remove a contaminating impurity into a mother liquor and give crystals of N-(1(S)-ethoxycarbonyl-3-phenylpropyl)-L-alanine.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/01503 A (22) Date of filing of : 09/12/2002 application
(54) Title of the Invention : "METHOD TO DETECT MODULATORS OF VEOF KINASE DOMAIN."

(51) International classification : C12Q 1/48, C12N 9/12 (30) Priority Data : (31) Document No. 60/210,132 (32) Date : 07/06/2000 (33) Name of convention country : U.S.A. (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA	(71) Name of the Applicant : ORTHO-MCNEIL PHARMACEUTICAL, INC., OF U. S. ROUTE 202, RARITAN, NEW JERSEY 08869, U.S.A. (72) Name of the Inventors : 1. JOHNSON DANA L., 2. EMANUEL STUART L.
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- (57) Abstract : The present invention relates to assays for the detection of compounds with pharmacological activity, particularly for the detection of modulators of rat vascular endothelial growth factor receptor (rat VEGF-R2) kinase domain.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) **Application No. IN/PCT/2002/01504 A** (22) **Date of filing of : 09/12/2002 application**
(54) **Title of the Invention : "CAP FOR A LANCING DEVICE."**

(51) International classification : A61B 5/15 (30) Priority Data : (31) Document No. 60/210,808 & 60/261,513 (32) Date : 09/06/2000 & 12/01/2001 (33) Name of convention country : U.S.A. (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA	(71) Name of the Applicant : DIABETES DIAGNOSTICS, INC., 51 SAWYER ROAD, SUITE 150, WALTHAM, MA 02453, U.S.A. (72) Name of the Inventors : MOERMAN PIET
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(57) **Abstract :** A cap for lancing device for lancing dermal tissue is provided. The cap includes a cap body having a proximal end for connecting to the distal end of the housing of the lancing device and a contact ring attached to the distal end of the cap body. The contact ring includes an opening for a portion of the lancet of the lancing device to pass there through. The contact ring has a multi-contoured surface oriented generally about an axis distinct from the axis of motion of the lancet. The multi-contoured surface is designed to pressure the dermal tissue to facilitate expression of a fluid sample after lancing the dermal tissue. The fluid sample can include blood, interstitial fluid, or both.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/01505 A (22) Date of filing of : 10/12/2002
application
(54) Title of the Invention : "SYSTEM FOR MANAGING PROGRAM STORED IN
STORAGE UNIT OF MOBILE TERMINAL."

(51) International classification : G06F 9/06, 13/00, 9/445, 17/60, H04L 9/10	(71) Name of the Applicant : NTT DOCOMO INC., OF 11-1, NAGATACHO 2-CHOME, CHIYODA-KU, TOKYO 100-6150, JAPAN.
(30) Priority Data :	
(31) Document No. 2001-143810	
(32) Date : 14/05/2001	
(33) Name of convention country : JAPAN	(72) Name of the Inventors :
(66) Filed U/s 5(2) :NIL	1. NATSUNOTAKESHI,
(61) Patent of addition to application No. NA	2. YAMAMOTO MASAACKI,
(62) Filed on :NA	3. WASHIO SATOSHI,
(63) Divisional to Application No. :NIL	4. KAWABATA HIROSHI.
(64) Filed on :NA	

- (57) Abstract : Management server 16 obtains application programs from content server 20 in response to request of mobile terminal 11, and transmits the obtained application programs to mobile terminal 11 with information concerning reliabilities of the application programs. After mobile terminal 11 receives the application programs from management server 16, mobile terminal 11 manages operations of the application programs, which are coordinated with operations of other programs using the information concerning the reliabilities corresponding to the application programs. According to the management of coordinated operation of a plurality of application programs as stated above, problems concerning information security, where valuable information may be leaked unexpectedly because of operation of low reliable application programs, can be avoided. As a result, convenience of users of mobile terminals 11 can be improved without deteriorating the information security of mobile terminals 11.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/01506 A (22) Date of filing of : 10/12/2002 application
(54) Title of the Invention : "PALLADIUM CATALYST AND PROCESSES FOR USING THE SAME."

(51) International classification : B01J 23/00 (30) Priority Data : (31) Document No. 09/833,945 (32) Date : 12/04/2001 (33) Name of convention country : U.S.A. (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA	(71) Name of the Applicant : CELANESE INTERNATIONAL CORPORATION, 1601 WEST LBJ FREEWAY, DALLAS, TX 75234, U.S.A. (72) Name of the Inventors : 1. UNRUH JERRY D., 2. DIAZ NORMA JEAN, 3. MOLINA ROBERT RAY, 4. SNYDER PHILLIP SIDNEY, 5. WINDHORST KENNETH ALLEN.
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- (57) Abstract : A catalyst for the manufacture of acrylic acid or methacrylic acid by the oxidation of propylene, acrolein, or isobutylene whereby said catalyst is prepared by reducing a palladium salt or palladium metal to palladium with a reducing agent such as propylene in an oxygen-free single or two phase aqueous organic solvent containing as a co-solvent a maximum concentration of a C2-C6 carboxylic acid or C3-C6 ketone.

Tf Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. IN/PCT/2002/01507 A

(22) Date of filing of : 10/12/2002
application

(54) Title of the Invention : "NOVEL HETEROARYL DERIVATIVES AND THEIR USE AS MEDICAMENTS."

(51) International classification : C07D
215/50

(30) Priority Data :

(31) Document No. 100 35 928.6

(32) Date : 21/07/2000

(33) Name of convention country : DE

(66) Filed U/s 5(2) :NIL

(61) Patent of addition to application No. NA

(62) Filed on :NA

(63) Divisional to Application No. :NIL

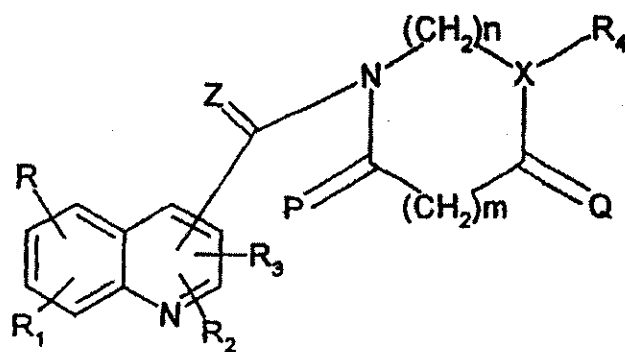
(64) Filed on :NA

(71) Name of the Applicant : ZENTARIS
AG., OF WEISMULLERSTRASSE 45 60314
FRANKFURT, GERMANY.

(72) Name of the Inventors :

1. EMIG, PETER,
2. GUNTHER, ECKHARD,
3. SCHMIDT, JURGEN,
4. NICKEL, BERND,
5. KUTSCHER, BERNHARD.

(57) Abstract :



(I)

The invention relates to novel heteroaryl derivatives of general formula (I), the production thereof and the use of the same as pharmaceuticals, especially for treating tumours.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/01508 A (22) Date of filing of : 10/12/2002 application
 (54) Title of the Invention : "TETRAHYDROPYRIDINO OR PIPERIDINO HETEROCYCLIC DERIVATIVES."

(51) International classification : C07D 401/04, 401/14, 417/04, 471/04, 497/04, 495/04 (30) Priority Data : (31) Document No. 2000-204021 & 2000-270535 (32) Date : 05/07/2000 & 06/09/2000 (33) Name of convention country : JP (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA	(71) Name of the Applicant : TAISHO PHARMACEUTICAL CO. LTD., OF 24-1, TAKATA 3-CHOME, TOSHIMA-KU, TOKYO 171-8633, JAPAN. (72) Name of the Inventors : 1. NAKAZATO, ATSURO, 2. KUMAGAI, TOSHIHITO, 3. OKUBO, TAKETOSHI, 4. KAMEO, KAZUYA.
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- (57) Abstract : A tetrahydropyridino or piperidino heterocyclic derivative represented by the formula [I]:



Has a high affinity for CRF receptors and is effective against diseases in which CRF is considered to be involved.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/01509 A (22) Date of filing of : 10/12/2002 application
 (54) Title of the Invention : "IMPROVED POWDER COATING COMPOSITION AND METHOD."

(51) International classification : C09D 5/00 (30) Priority Data : (31) Document No. 09/598,666 (32) Date : 20/06/2000 (33) Name of convention country : U.S.A. (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA	(71) Name of the Applicant : ENGELHARD CORPORATION, OF 101 WOOD AVENUE, P.O. BOX 770, ISELIN, NJ 08830-0770, U.S.A. (72) Name of the Inventors : 1. BAGALA, JOSEPH, MICHAEL, 2. BEALE, KURT, NORMAN.
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- (57) Abstract : A laminar pigment which has an aluminium or an aluminium-cerium oxide coating combined with a hydrolysed silane coupling agent treated surface is used as a pigment for a powder coating composition. By combining the pigment with powdery film forming polymer, a film forming composition which can be applied by electrostatic coating is produced.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. IN/PCT/2002/01510 A

(22) Date of filing of : 10/12/2002
application

(54) Title of the Invention : "HOLLOW THREAD FILM CARTRIDGE, HOLLOW THREAD FILM MODULE USING THE CARTRIDGE, AND TANK TYPE FILTER."

(51) International classification : B01D 63/04
(30) Priority Data :
(31) Document No. 2000-208339 & 2001-062532
(32) Date : 10/07/2000 & 06/03/2001
(33) Name of convention country : JP
(66) Filed U/s 5(2) :NIL
(61) Patent of addition to application No. NA
(62) Filed on :NA
(63) Divisional to Application No. :NIL
(64) Filed on :NA

(71) Name of the Applicant : ASAHI KASEI KABUSHIKI KAISHA, 2-6 DOJIMAHAMA 1-CHOME, KITA-KU, OSAKA, JAPAN.

(72) Name of the Inventors :
1. WATANABE AKIHIRO,
2. ISHIBASHI YUZURU,
3. HAMANAKA KATSUHIKO.

(57) Abstract : A hollow fiber membrane cartridge wherein a cartridge head and a bottom ring are connected and fixed to each other by means of a plurality of rods or pipes, the hollow portion at the end of each hollow fiber membrane on the cartridge head side is open, the hollow portion at the end of each hollow fiber membrane on the bottom ring side is sealed, and a plurality of through-holes are provided in an adhesion and fixation layer on the bottom ring side and are located in a bundle of the hollow fiber membranes.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. IN/PCT/2002/01511 A

(22) Date of filing of : 10/12/2002
application

(54) Title of the Invention : "METHOD AND DEVICE FOR PRODUCING BRUSHWARE AND BRUSHWARE"

(51) International classification : A46B 3/22
(30) Priority Data :
(31) Document No. 100 33 256.0
(32) Date : 10/07/2000
(33) Name of convention country : DE
(66) Filed U/s 5(2) :NIL
(61) Patent of addition to application No. NA
(62) Filed on :NA
(63) Divisional to Application No. :NIL
(64) Filed on :NA

(71) Name of the Applicant : CORONET WERKE GMBH, OF NEUSTADT 2, 69483 WALD MICHELBAACH, GERMANY.

(72) Name of the Inventors :
WEIHRAUCH GEORG

(57) Abstract : Brushware comprising at least one carrier and bristles made from a moldable plastic material disposed thereon, is produced by providing the carrier with through holes acting like spinning nozzles, to which bristle-shaped molding channels join and a plastic melt for the bristles is injected from at least one side of the carrier-the feed side of the melt - through the holes into the channels thereby forming the bristles, wherein the through holes have a minimal width along at least a portion of their length which is $\leq 3\text{mm}$ and the ratio between this width and the flow path of the melt resulting from the depth of the through holes plus the length of the channels is $\leq 1/5$. A device for carrying out the method and brushware produced in accordance with the method are also described.

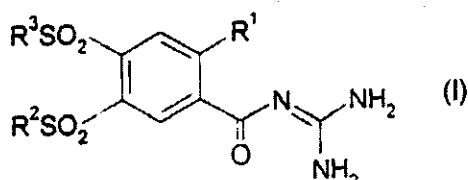
Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/01512 A (22) Date of filing of : 10/12/2002 application
 (54) Title of the Invention : "PROCESS FOR THE PREPARATION OF SULFONYLBENZOYLGUANIDINIUM SALTS."

(51) International classification : C07C 315/00, 315/04, 317/44 (30) Priority Data : (31) Document No. 100 23 405.4 (32) Date : 12/05/2000 (33) Name of convention country : DE (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA	(71) Name of the Applicant : MERCK PATENT GMBH, FRANKFURTER STRASSE 250, 64293 DARMSTADT, GERMANY. (72) Name of the Inventors : 1. BARTMANN EKKEHARD, 2. KIRSCHBAUM, MICHAEL.
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(57) Abstract :



The invention relates to a method for producing acid addition salts of compounds of formula (I), wherein R¹, R² and R³ represent alkyl with 1 to 12 C-atoms.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/01513 A (22) Date of filing of : 10/12/2002 application
 (54) Title of the Invention : "GLUCAGON-LIKE PEPTIDE-1 ANALOGS."

(51) International classification : C07K 14/00 (30) Priority Data : (31) Document No. 60/212,171 & 60/240,349 (32) Date : 16/06/2000 & 13/10/2000 (33) Name of convention country : U.S.A. (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA	(71) Name of the Applicant : ELI LILLY AND COMPANY, A CORPORATION OF THE STATE OF INDIANA, UNITED STATES OF AMERICA, LILLY CORPORATE CENTER, INDIANAPOLIS, IN 46285. (72) Name of the Inventors : 1. GLAESNER, WOLFEGANG, 2. MILLICAN, ROHN, LEE.
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(57) Abstract : Disclosed are glucagon like peptide-1 (GLP-1) compounds with modifications at one or more of the following positions: 11, 12, 16, 22, 23, 24, 25, 27, 30, 33, 34, 35, 36, of 37. Methods of treating these GLP-1 compounds are also disclosed.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/01514 A (22) Date of filing of : 10/12/2002 application
 (54) Title of the Invention : "ORAL CARE COMPOSITIONS COMPRISING CHLORITE AND METHODS."

(51) International classification : A61K 7/00 (30) Priority Data : (31) Document No. 09/607,242 (32) Date : 30/06/2000 (33) Name of convention country : U.S.A. (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA	(71) Name of the Applicant : THE PROCTER & GAMABLE COMPANY, OF ONE PROCTE & GAMBLE PLAZA, CINCINNATI, OH 45202 U.S.A. (72) Name of the Inventors : 1. WITT, JONATHAN, JAMES, 2. WIMALASENA, ROHAN, LALITH, 3. WONG, ANDREW, LEE, 4. GOULBOURNE ERIC ALTMAN JR., 5. DOYLE, MATTHEW, JOSEPH.
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(57) Abstract :

The present invention relates to topical oral compositions, including therapeutic rinses, especially mouth rinses, as well as toothpastes, gels, tooth powders, chewing gums, mouth sprays, lozenges (including breath mints), dental implements (such as dental floss and tape), and pet care products comprising at least a minimally effective amount of chlorite ion, wherein the pH of the final composition is greater than 7 and the composition is essentially free of chlorine dioxide or chlorous acid. This invention further relates to a method for treating or preventing diseases and conditions of the oral cavity such as gingivitis, plaque, periodontal disease, herpetic lesions, and infections that may develop following dental procedures such as osseous surgery, tooth extraction, periodontal flap surgery, dental implantation, and scaling and root planing, in humans and other animals, by applying a safe and effective amount of the chlorite ion composition to the oral cavity.

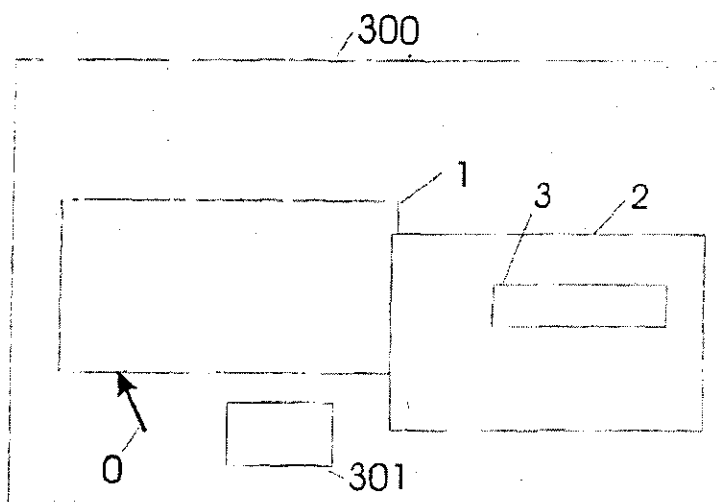
Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/01515 A (22) Date of filing of : 11/12/2002 application
- (54) Title of the Invention : "ZEROCLICK"

(51) International classification : G06F 3/033 (30) Priority Data : (31) Document No. 0011321.7 & 0011370.4 (32) Date : 11/05/2000 & 12/05/2000 (33) Name of convention country : GB (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA	(71) Name of the Applicant : IRVINE NES STEWART, OF 16 SOLLERSHOTT WEST, LEICHTWORTH, HERTS SG6 3PX GREAT BRITAIN. (72) Name of the Inventors : IRVINE NES STEWART
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(57) Abstract :



A GUI interface, a method of programming a GUI interface, and an apparatus which enables functions of controls in the GUI to be activated by a movement to a control and then another subsequent movement related to that control. It may be defined more precisely below. A GUI in which, when a pointer 0 is immediately adjacent or passes over a control area 1, a procedure is initiated whereby subsequent movement of the pointer over a predetermined path area 3 generates a "click" event which simulates direct clicking of the control 1 and moving outside the predetermined path area 3 prior to completion of the path 3 resets the control to as if the pointer has never started along the predetermined path area 3.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/01516 A (22) Date of filing of : 11/12/2002 application
(54) Title of the Invention : "ORAL PREPARATION FOR SPECIFIC DELIVERY IN COLON AND PREPARATION METHOD THEREOF."

(51) International classification : A61K 9/48, 47/36 (30) Priority Data : (31) Document No. 00117989.6 (32) Date : 07/06/2000 (33) Name of convention country : CN (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA	(71) Name of the Applicant : ZHANG HAO, 47-5 MAJIAJIE, NANJING, JIANGSU 210009, CHINA. (72) Name of the Inventors : ZHANG JUNSHOU
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- (57) Abstract : The present invention relates to an oral medicament for specific delivery in colon and methods for preparation thereof.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. IN/PCT/2002/01517 A

(22) Date of filing of : 11/12/2002
application

(54) Title of the Invention : "ORAL PREPARATION FOR SPECIFIC DELIVERY IN COLON AND PREPARATION METHOD THEREOF."

<p>(51) International classification : H04J 3/06, H04L 12/64</p> <p>(30) Priority Data :</p> <p>(31) Document No. 60/219,766</p> <p>(32) Date : 20/07/2000</p> <p>(33) Name of convention country : U.S.A.</p> <p>(66) Filed U/s 5(2) :NIL</p> <p>(61) Patent of addition to application No. NA</p> <p>(62) Filed on :NA</p> <p>(63) Divisional to Application No. :NIL</p> <p>(64) Filed on :NA</p>	<p>(71) Name of the Applicant : THOMSON LICENSING S.A., 46 QUAI ALPHONSE LE GALLO, F 92648 BOULOGNE CEDEX, FRANCE.</p> <p>(72) Name of the Inventors : 1. LOCKBRIDGE TERRY WAYNE, 2. HORLANDER THOMAS EDWARD, 3. RICHARDSON JOHN WILLIAM.</p>
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(57) Abstract : A method and an apparatus using a system level clocking scheme to remove jitter from multi-media packets distributed over an asynchronous network, in particular an asynchronous network. The present invention overcomes the problems associated with jitter introduced in an asynchronous network by using various time stamps to synchronize a client device clock to a headend clock and to control the data flow in the client device to match the rate that the data is received by a broadband receiver coupled to the headend. A first time stamp is prepended to the transport packets when the packets are received from the headend. A second time stamp is placed in the data frame when the data frame is placed on the network. A third time stamp is placed in the data frame when the data frame is received from the network. The second and third time stamps are used for synchronizing the client clock to the server clock, which is in turn frequency locked to the headend clock, the first time stamp is used for data flow control wherein the client controls the data flow to correspond to the rate the data is received at the server.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. IN/PCT/2002/01518 A

(22) Date of filing of : 11/12/2002
application

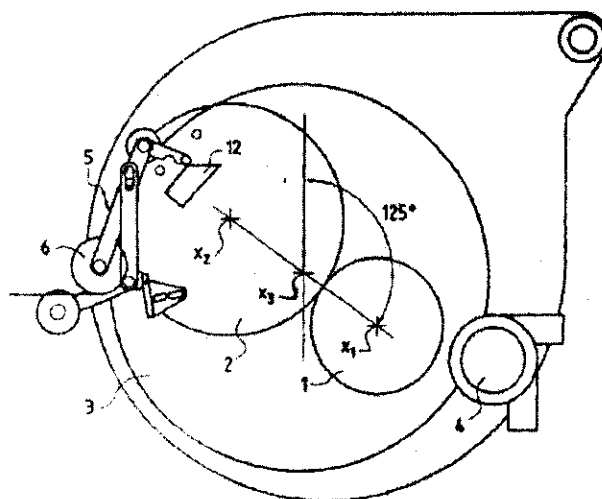
(54) Title of the Invention : "ASSEMBLY AND METHOD FOR CUTTING STRANDS FORMED BY THERMOPLASTIC FILAMENTS."

(51) International classification : D01G 1/04,
C03B 37/16
(30) Priority Data :
(31) Document No. 00/08727
(32) Date : 05/07/2000
(33) Name of convention country : FR
(66) Filed U/s 5(2) : NIL
(61) Patent of addition to application No. NA
(62) Filed on : NA
(63) Divisional to Application No. : NIL
(64) Filed on : NA

(71) Name of the Applicant : SAINT-
GOBAIN VETROTEX FRANCE S.A., OF
130, AVENUE DES FOLLAZ, F-73000,
CHAMBERY, FRANCE.

(72) Name of the Inventors :
1. FONT, DOMINIQUE,
2. PREVOSTO, HENRI,
3. BERTHELON, LAURENT.

(57) Abstract :



The invention concerns an assembly for cutting strands formed by thermoplastic filaments, and comprising a blade-holder wheel (1) and an anvil-wheel (2) rotating in reverse direction about two parallel axes (x_1 , x_2), at least means for actuating (B) said wheels and means (6) for contacting a strand with the anvil wheel (2). The invention is characterised in that it further comprises: means oscillating (3) the support of said wheels (1, 2) whereof the axis (x_3) is parallel to the axis of said wheels and associated actuating means (A); means (C) for contacting said wheels; means (10) designed in particular to pinch said strand and associated actuating means for passing the strand between the blade-holder wheel (1) and the anvil-wheel (2) when said wheels are not in contact. The invention further concerns the associated method.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. IN/PCT/2002/01519 A (22) Date of filing of : 12/12/2002 application

(54) Title of the Invention : "EDGE INSULATION MEMBER FOR ELECTRODE PLATE, FIXING METHOD AND REMOVAL METHOD FOR EDGE INSULATION MEMBER, AND FITTING JIG FOR EDGE INSULATION MEMBER."

(51) International classification : C25C 7/02	(71) Name of the Applicant : MITSUBISHI
(30) Priority Data :	MATERIALS CORPPORATION, OF 5-1,
(31) Document No. 2000-176027	OTEMACHI 1-CHOME, CHIYODA-KU,
(32) Date : 12/06/2000	TOKYO, JAPAN.
(33) Name of convention country : JAPAN	(72) Name of the Inventors :
(66) Filed U/s 5(2) :NIL	1. TANAKA HIROSHI,
(61) Patent of addition to application No. NA	2. SHIMIZU FUMIHIKO.
(62) Filed on :NA	
(63) Divisional to Application No. :NIL	
(64) Filed on :NA	

(57) Abstract : The present invention relates to an edge insulation member for an electrode plate used for electrolytic refinement of metal, and to a fixing method for it. On a tip portion 22A of a main body 22, a fitting groove 23 and a jaw portion 24 for tightly fitting an electrode plate 1 are formed to extend along the lengthwise direction of the main body 22. On a base end portion of the main body 22, an engagement botch 25 for fitting a support rod 26 is formed to extend along the lengthwise direction of the main body 22. A plurality of pin insertion holes 27 are formed on the side surface of the jaw portion 24. Fitting jigs made up from a pin 30 and a stoper 40 is removably fitted in this pin insertion hole 27. The support rod 26 is removably fitted in the engagement notch 25.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/01520 A (22) Date of filing of : 12/12/2002 application
- (54) Title of the Invention : "BENZOYLPYRIDINE DERIVATIVE OR ITS SALT, FUNGICIDE CONTAINING IT AS AN ACTIVE INGREDIENT, ITS PRODUCTION PROCESS AND INTERMEDIATE FOR PRODUCING IT."

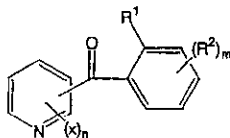
<p>(51) International classification : C07D 213/61</p> <p>(30) Priority Data :</p> <p>(31) Document No. 2000-203909, 2001-034182, 2001-094222</p> <p>(32) Date : 05/07/2000, 09/02/2001, 28/03/2001</p> <p>(33) Name of convention country : JAPAN</p> <p>(66) Filed U/s 5(2) :NIL</p> <p>(61) Patent of addition to application No. NA</p> <p>(62) Filed on :NA</p> <p>(63) Divisional to Application No. :NIL</p> <p>(64) Filed on :NA</p>	<p>(71) Name of the Applicant : ISHIHARA SANGYO KAISHA, LTD., OF 3-15, EDOBORI 1-CHOME, NISHI-KU, OSAKA-SHI, OSAKA 550-0002 JAPAN.</p> <p>(72) Name of the Inventors :</p> <ol style="list-style-type: none"> 1. NISHIDE HISAYA, 2. OGAWA MUNEKAZU, 3. KOMINAMI HIDEMASA, 4. HIGUCHI KOJI, 5. NISHIMURA AKIHIRO.
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(57) Abstract :

The present invention relates to a fungicide containing a novel benzoylpyridine derivative or its salt.

The present invention provides a fungicide containing a benzoylpyridine derivative represented by the formula

(I) or its salt:



wherein X is a halogen atom, a nitro group, a

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/01521 A (22) Date of filing of : 12/12/2002 application
 (54) Title of the Invention : "SILICONE COATINGS CONTAINING SILICONE MIST SUPPRESSANT COMPOSITIONS."

(51) International classification : C09D 183/07 (30) Priority Data : (31) Document No. 09/599,689 (32) Date : 22/06/2000 (33) Name of convention country : U.S.A. (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA	(71) Name of the Applicant : DOW CORNING CORPORATION, OF 2200 WEST SALZBURG ROAD, MIDLAND, MI 48686-0994, U.S.A. (72) Name of the Inventors : 1. CLARK JOSEPH, 2. EKELAND ROBERT, 3. OWENS MICHAEL, 4. VAN DORT PAUL.
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(57) Abstract : This invention relates to silicone coating composition comprising a solvent less silicone coating composition and liquid silicone mist suppressant composition obtained by a method comprising reacting a large excess of at least one organohydrogensilicon compound containing at least three silicon-bonded hydrogen groups with at least one compound containing at least two alkenyl groups in the presence of a platinum group metal-containing catalyst.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/01522 A (22) Date of filing of : 12/12/2002 application
 (54) Title of the Invention : "ENERGY BALANCED INK JET PRINthead."

(51) International classification : B41J 2/14, 2/16 (30) Priority Data : (31) Document No. 09/636,367 (32) Date : 24/07/2000 (33) Name of convention country : U.S.A. (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA	(71) Name of the Applicant : HEWLETT PACKARD COMPANY, M/S 20BN, 3000 HANOVER STREET, PALO ALTO, CA 94304-1112, U.S.A. (72) Name of the Inventors : 1. TORGERSON JOSEPH M., 2. HURSGTDAVID M.
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(57) Abstract : An ink jet printhead (11, 12, 13) having FET drive circuits (85) that are configured to compensate for power 5 trace (86, 181) parasitic resistances.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. IN/PCT/2002/01523 A

(22) Date of filing of : 12/12/2002
application

(54) Title of the Invention : "DEVICE FOR SAVING FUEL AND REDUCING EMISSIONS."

(51) International classification : F02M 27/04

(30) Priority Data :

(31) Document No. PQ 7629

(32) Date : 19/05/2000

(33) Name of convention country : AU

(66) Filed U/s 5(2) :NIL

(61) Patent of addition to application No. NA

(62) Filed on :NA

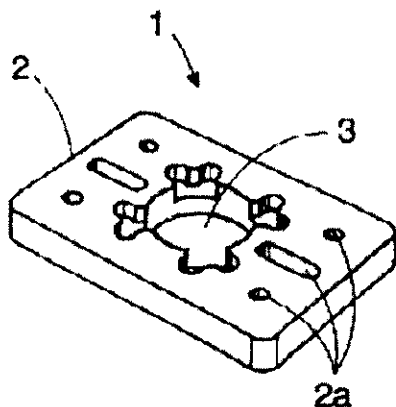
(63) Divisional to Application No. :NIL

(64) Filed on :NA

(71) Name of the Applicant : MULLER,
JEFFREY, ALAN, AUSTRALIA, OF 19
GARDEN GROVE, CARRARA,
QUEENSLAND 4211 AN AUSTRALIAN
CITIZEN.

(72) Name of the Inventors :
MULLER, JEFFREY, ALAN

(57) Abstract :



A fuel saving device including a support which mounts a plurality of magnets in opposed polarities is provided in a number of embodiments which enables the device to be interposed in the fuel system of combustion engines with resulting fuel savings and a reduction in emissions.

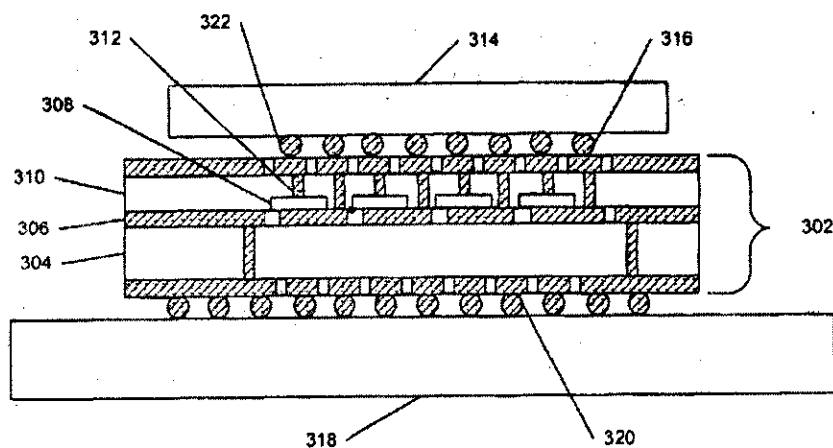
Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/01524 A (22) Date of filing of : 13/12/2002 application
 (54) Title of the Invention : "ELECTRONIC PACKAGE HAVING EMBEDDED CAPACITORS AND METHOD OF FABRICATION THEREFOR."

<p>(51) International classification : H01L 23/498 (30) Priority Data : (31) Document No. 09/606,882 (32) Date : 29/06/2000 (33) Name of convention country : U.S.A. (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA</p>	<p>(71) Name of the Applicant : INTEL CORPORATION, OF 2200 MISSION COLLEGE BOULEVARD, SANTA CLARA, CA 95052, U.S.A. (72) Name of the Inventors : 1. HALE AARON DEAN, 2. WALK MICHAEL, 3. FIGUEROA DAVID G., 4. VRTIS JOAN K., 5. KOHMURA TOSHIMI.</p>
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(57) Abstract :



An electronic package (302, Figure 3) includes one or more capacitors (308) embedded within one or more layers (310) of the package. The embedded capacitors are discrete devices, such as integrated circuit capacitors (Figures 17-18) or ceramic capacitors. During the package build-up process, the capacitors are mounted (410, Figure 4) to a package layer, and a non-conductive layer is applied (412) over the capacitors. When the build-up process is completed, the capacitor's terminals (604, 608, Figure 6) are electrically connected to the top surface of the package. The embedded capacitor structure can be used in an integrated circuit package (1904, Figure 19), an interposer (1906), and/or a printed circuit board (1908).

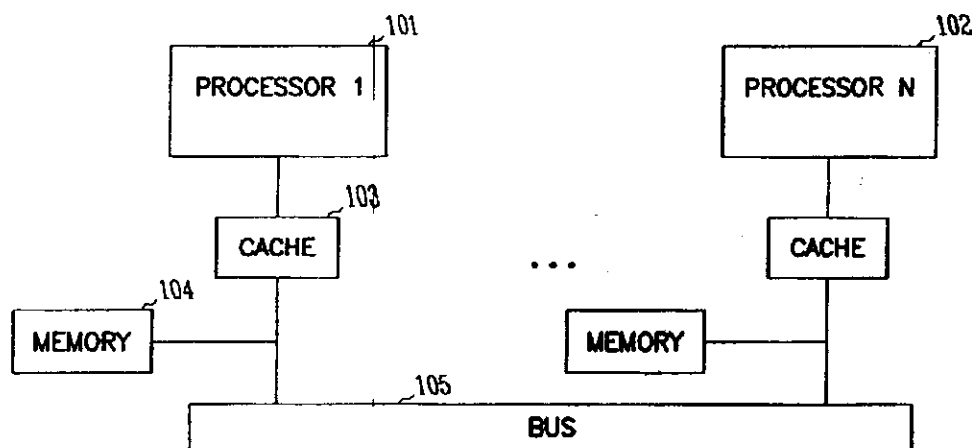
Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/01525 A (22) Date of filing of : 13/12/2002
application
(54) Title of the Invention : "CACHE LINE PRE-LOAD AND PRE-OWN BASED ON
CACHE COHERENCE SPECULATION."

<p>(51) International classification : G06F 12/08 (30) Priority Data : (31) Document No. 09/605,239 (32) Date : 28/06/2000 (33) Name of convention country : U.S.A. (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA</p>	<p>(71) Name of the Applicant : INTEL CORPORATION, OF 2200 MISSION COLLEGE BOULEVARD, SANTA CLARA, A CA 95052, U.S.A. (72) Name of the Inventors : 1. LAI KONARD, 2. WANG WEN-HANN, 3. ROBINSON SCOTT H., 4. PEIR JIH-KWON, 5. ZHANG STEVE.</p>
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(57) Abstract : The invention provides a cache management system comprising in various embodiment pre-load and pre-own functionality to enhance cache efficiency in shared memory distributed cache multiprocessor computer systems. Some embodiments of the invention comprise an invalidation history table to record the line address of cache lines invalidated through dirty or clean invalidation, and which is used such that invalidated cache lines recorded in the invalidation history table. In some further embodiments, a write-back bit associated with each L2 cache entry records when either a bit to the same line in another processor is detected or when the same line is invalidated in another processors cache, and the system broadcasts write-backs from the selected local cache only when the line being written back has a write-back bit that has been set.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

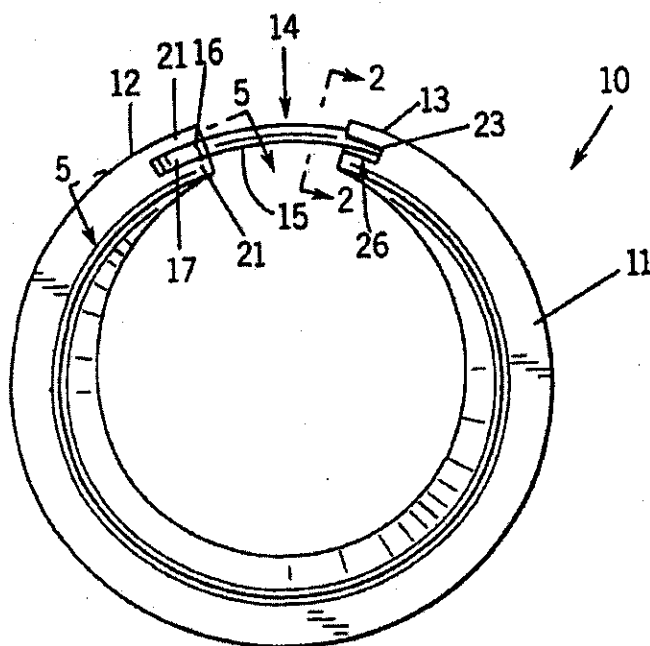
(21) Application No. IN/PCT/2002/01526 A

(22) Date of filing of : 13/12/2002
application

(54) Title of the Invention : "EARRING CONNECTOR."

<p>(51) International classification : A44C 7/00 (30) Priority Data : (31) Document No09/590,397 (32) Date : 08/06/2000 (33) Name of convention country : U.S.A. (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA</p>	<p>(71) Name of the Applicant : CHENG HOWARD, OF 2821 SOUTH QUINN STREET, CHICAGO, IL 60608, U.S.A. (72) Name of the Inventors : CHENG HOWARD</p>
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(57) Abstract :



A loop-typed pierced earring has a pivotally mounted ear post that spans the gap in the ring and moves in an arc transverse to the plane of the ring from an open position, to permit insertion through the ear lobe, to a locked position with the ear post free end held in a locking detent in the other end of the ring body. Movement of the ear post end into the locking detent forces a slight inward deflection of the resilient end post, after which the end springs into engagement with a locking recess. Attachment of the earring is simple and direct and requires no visual alignment by the wearer.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. IN/PCT/2002/01527 A

(22) Date of filing of : 16/12/2002
application

(54) Title of the Invention : "PIGMENTS."

(51) International classification : C09C 1/30 (30) Priority Data : (31) Document No. 100 24 466.1 (32) Date : 18/05/2000 (33) Name of convention country : DE (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA	(71) Name of the Applicant : MERCK PATENT GMBH., FRANKFURTER STRASSE 250, 64293 DARMSTADT, GERMANY. (72) Name of the Inventors : 1. ANSELMANN RALF, 2. ALBRECHT THOMAS, 3. RODRIGUEZ-MAZAZ SARA.
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(57) Abstract : The invention relates to particles with an opalescent effect, which have a particle size in the range from 5µm to 5000 µm, comprising monodisperse spheres having a diameter of 50 nm to 2 µm with a standard deviation of less than 5% in a packed and regularly ordered structure which is three-dimensional in terms of domains and is mechanically stabilized by physical or chemical modification.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/01528 A (22) Date of filing of : 16/12/2002 application
(54) Title of the Invention : "TRIAZOLE DERIVATIVES"

<p>(51) International classification : C07D 249/08 (30) Priority Data : (31) Document No. 2000-148419 & 2001-47921 (32) Date : 19/05/2000 & 23/02/2001 (33) Name of convention country : JP (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA</p>	<p>(71) Name of the Applicant : MERCK PATENT GMBH., FRANKFURTER STRASSE 250, 64293 DARMSTADT, GERMANY. (72) Name of the Inventors : 1. TOBE, TAKAHIRO, 2. SUGANE, TAKASHI, 3. HAMAGUCHI, WATARU, 4. SHIMADA, ITSURO, 5. MAENO, KYOICHI, 6. MIYATA, JUNJI, 7. SUZUKI, TAKESHI, 8. KOHARA ATSUYUKI, 9. MORITA, TAKUMA, 10. KIMIZUKA, TETSUYA, 11. ARLT, MICHAEL, 12. GREINER, HARTMUT.</p>
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(57) Abstract : Triazole derivatives which have a glycine transporter inhibitory activity and are useful as drugs : and novel triazole derivatives. The triazole derivatives of the present invention possess a superior glycine transporter inhibitory activity and are useful as the treatment drug;

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/01529 A (22) Date of filing of : 16/12/2002
application
(54) Title of the Invention : "ACRIDINE DERIVATIVES AND THEIR USE AS
MEDICAMENTS."

(51) International classification : C07D 219/04 (30) Priority Data : (31) Document No. 100 35 927.2 (32) Date : 21/07/2000 (33) Name of convention country : DE (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA	(71) Name of the Applicant : ZENTARIS AG, OF WEIAMULLERSTRASSES 45, 60314 FRANKFURT, GERMANY. (72) Name of the Inventors : 1. EMIG, PETER, 2. GUNTHER, ECKHARD, 3. NICKEL, BERND, 4. BAASNER, SILKE, 5. BACHER, GERALD, 6. AUE, BEATE.
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- (57) Abstract : The invention relates to novel acridine derivatives of general formula(1), the production thereof and the use of the same as pharmaceuticals, especially for treating tumours.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/01530 A (22) Date of filing of : 16/12/2002
application
(54) Title of the Invention : "MULTI-MEDIA JITTER REMOVAL IN AN
ASYNCHRONOUS DIGITAL HOME NETWORK."

<p>(51) International classification : H04L 12/64, H04J 3/06 (30) Priority Data : (31) Document No. 60/220,940 (32) Date : 26/07/2000 (33) Name of convention country : U.S.A. (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA</p>	<p>(71) Name of the Applicant : THOMSON LICENSING S.A., 46 QUAI ALPHONSE LE GALLO F 92648 BOULOGNE CEDEX, FRANCE. (72) Name of the Inventors : 1. LOCKRIDGE TERRY WAYNE, 2. HORLANDER THOMAS EDWARD, 3. JONES THOMAS HERBERT.</p>
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(57) Abstract : A method and an apparatus using a system level clocking scheme to remove jitter from multi-media packets distributed over an asynchronous network. The present invention overcomes the problems associated with jitter introduced in an asynchronous network by using various time stamps to synchronize a client device clock to a headend clock and to control the data flow in the client device to match the rate that the data is received by a broadband receiver coupled to the headend. The present invention allows the client device to synchronize to a selected one of a plurality of headend clock by including a clock adjustment factor along with the time stamps. The time stamps are added at the physical layer so that the time stamps correspond to the time the data packets are placed onto and received from the asynchronous network.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/01531 A (22) Date of filing of : 16/12/2002 application
(54) Title of the Invention : "METALLIC GASKET."

(51) International classification : F02F 11/00, F16J 15/08 (30) Priority Data : (31) Document No. (32) Date : (33) Name of convention country : (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA	(71) Name of the Applicant : JAPAN METAL GASKET CO. LTD., OF 3308 AZA DEGUCHI, OAZA MIKAJIRI, KUMAGAYA-SHI, SAITAMA 360-0843 JAPAN. (72) Name of the Inventors : 1. UETA, KOSAKU, 2. OKANO, JUN.
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(57) Abstract : A metallic gasket capable of providing a sufficient sealing capability all around a combustion chamber hole and avoiding such problems that the step of a cylinder block supporting the lower end part of cast-iron sleeve is damaged by the thermal expansion of the sleeve during the operation, the roundness of a bore is impaired, the cast-iron sleeve is sunk, and a pressure leaks a between the fastening bolts, wherein the end part of a shim plate (14) on a combustion chamber hole (12) side is disposed on the upper end surface of the cast-iron sleeve (2) radially outside the outer peripheral position (OL1), the end part of the shim plate (14) more distant from the combustion chamber hole (12) is disposed on the combustion chamber hole (12) side from an outside line (OL2) of the water jacket (4) formed in the cylinder block (1), and a part of a full bead (13) is disposed on the upper end surface of the cast-iron sleeve (2).

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/01532 A (22) Date of filing of : 16/12/2002 application
(54) Title of the Invention : "GEAR PUMP."

(51) International classification : F04C 15/00, 2/18, 13/00, F16C 37/00 (30) Priority Data : (31) Document No. 100 31 470.8 (32) Date : 28/06/2000 (33) Name of convention country : DE (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA	(71) Name of the Applicant : COPERION WERNER & PFLEIDERER GMBH & CO. KG., GERMANY, OF THEODORSTRASSE 10, 70469 STUTTGART, A GERMAN COMPANY. (72) Name of the Inventors : 1. SCHLIPF, EDGAR, R., 2. HEIDEMEYER, PETER, 3. HERTER, RAINER.
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(57) Abstract : A gear pump comprises a casing (1) and gear rotors (2,3) disposed therein. The gear rotors (2, 3) are lodged in bearing sections (15 to 18) of plain bearings (11 to 14) that are lubricated by the pumping medium. They have at least one cooling duct (39) which is embodied such that cooling varies along the circumference and/or in the longitudinal direction and/or in the radial direction of the plain bearing (11 to 14).

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/01533 A (22) Date of filing of : 16/12/2002
application
(54) Title of the Invention : "STATOR FOR RECIPROCATING MOTOR."

(51) International classification : H02K 41/02	(71) Name of the Applicant : LG
(30) Priority Data :	ELECTRONICS INC., OF 20, YOIDO-
(31) Document No.	DONG, YONGDUNGPO-KU, SEOUL,
(32) Date :	KOREA.
(33) Name of convention country :	(72) Name of the Inventors :
(66) Filed U/s 5(2) :NIL	1. JEON SI-HANG,
(61) Patent of addition to application No. NA	2. YOON HYUNG-PYO.
(62) Filed on :NA	
(63) Divisional to Application No. :NIL	
(64) Filed on :NA	

(57) Abstract : A stator of a reciprocal motor includes a bobbin of insulating material with a coil wound thereon, a terminal unit formed integrally with the bobbin to connect the coil to an external power source, a first lamination core in which a plurality of lamination sheets of a predetermined form are stacked radially along the bobbin, and a second lamination core in which a plurality of lamination sheets formed to have a certain width and length and located symmetrically on the central line in the direction of the length, are coupled with the inner side or outer side of the first lamination core. Therefore the present invention makes the laminating operation simple and convenient by laminating the plurality of lamination sheets composing the laminate core without sorting the lamination sheets in a certain direction during the production of the lamination core thus to improve assembly productivity and mass productivity.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. IN/PCT/2002/01534 A (22) Date of filing of : 16/12/2002
application

(54) Title of the Invention : "SEALANTS AND POTTING FORMULATIONS INCLUDING POLYMERS PRODUCED BY THE REACTION OF A POLYTHIOL AND POLYVINYL ETHER MONOMER."

(51) International classification : C09K 3/10, C08G 75/00 (30) Priority Data : (31) Document No. 60/215,548, 09/756,080 & 09/756,573 (32) Date : 30/06/2000, 08/01/2001 & 08/01/2000 (33) Name of convention country : U.S.A. (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA	(71) Name of the Applicant : PRC-DC SOTO INTERNATIONAL, INC., OF 5430 SAN FERNANDO ROAD, GLENDALE, CA 91209 U.S.A. (72) Name of the Inventors : 1. DEMOSS SUSAN E., 2. RAO CHANDRA B., 3. SHARABY AHMED, 4. SINGH HAKAM, 5. ZOOK JONATHAN D., 6. JORDAN DAVID W.
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(57) Abstract : Sealant and potting formulations and provided which includes ungelled polymer(s) prepared from components including polyvinyl ether monomer and polythiol methyl material(s), the ungelled polymer being terminated with functional groups other than a thiol group, curing agents and at least one additive selected from the group consisting of fillers, adhesion promoters, plasticizers and catalysts.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/01535 A (22) Date of filing of : 16/12/2002
application
(54) Title of the Invention : "INVISIBLE CONNECTOR FOR JEWELRY STRAND."

(51) International classification : A44C 5/20 (30) Priority Data : (31) Document No. 09/590,397 (32) Date : 08/06/2000 (33) Name of convention country : U.S.A. (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA	(71) Name of the Applicant : CHENG HOWARD, OF 2821 SOUTH QUINN STREET, CHICAGO, IL 60608, U.S.A. (72) Name of the Inventors : CHENG HOWARD.
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(57) Abstract : An invisible connector assembly for beaded strand of jewelry includes solid connector posts mounted in through-bores in the end beads of the strand. One post is provided with a threaded stud extending axially from the bead, and the other post is tapped within the bore of the bead to receive the threaded stud. The opposite end of each connection post is provided with a swivelling eye for connection to one end of the string mounting the remaining heads of the strand.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/01536 A (22) Date of filing of : 17/12/2002
application
(54) Title of the Invention : "LOW HYGROSCOPIC ARIPIRAZOLE DRUG SUBSTANCE
AND PROCESSES FOR THE PREPARATION THEREOF."

<p>(51) International classification : A61K 31/496, C07D 215/22, A61P 25/18 (30) Priority Data : (31) Document No. 2001-290645, 2001- 348276 & 2,379,005 (32) Date : 25/09/2001, 14/11/2001 & 27/03/2002 (33) Name of convention country : JP & CA (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA</p>	<p>(71) Name of the Applicant : OTSUKA PHARMACEUTICAL CO. LTD., 2-9 KANDA TSUKASACHO, CHIYODA-KU, TOKYO, JAPAN. (72) Name of the Inventors : 1. BANDO TAKUJI, 2. AOKI SATOSHI, 3. KAWASAKI JUNICHI, 4. ISHIGAMI MAKOTO, 5. TANIGUCHI YOUICHI..</p>
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(57) Abstract : The present invention provides low hygroscopic forms of aripiprazole and processes for the preparation thereof which will not convert to a hydrate or lose their original solubility even when a medicinal preparation containing the aripiprazole anhydride crystals is stored for an extended period.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. IN/PCT/2002/01537 A

(22) Date of filing of : 17/12/2002
application

(54) Title of the Invention : "BASKET DESIGN AND MEANS OF ATTACHMENT FOR HORIZONTAL AIR PREHEATERS."

(51) International classification : F28D 19/04

(30) Priority Data :

(31) Document No. 09/615,228

(32) Date : 13/07/2000

(33) Name of convention country : U.S.A.

(66) Filed U/s 5(2) :NIL

(61) Patent of addition to application No. NA

(62) Filed on :NA

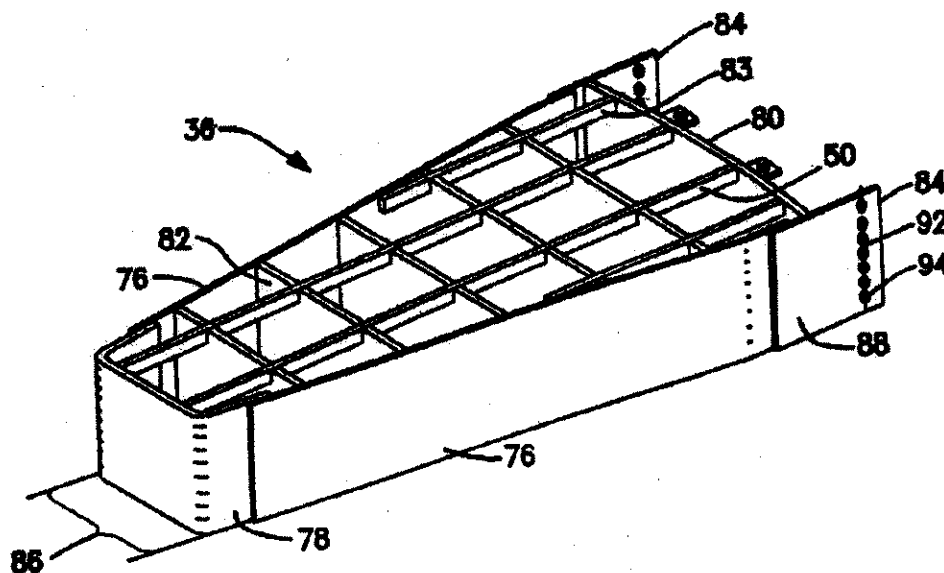
(63) Divisional to Application No. :NIL

(64) Filed on :NA

(71) Name of the Applicant : ALSTOM
(SWITZERLAND) LTD., HASELSTRASSE
16, CH 5401 BADEN, SWITZERLAND.

(72) Name of the Inventors :
FIERLE KURT M.

(57) Abstract :



A heat transfer element basket assembly (36) for a rotary regenerative heat exchanger (10) having a basket framework including oppositely disposed first and second side shells (76), means for holding the side shells in a spaced relationship, and heat absorbent material is disposed within the framework. The inboard end portions (88) of first and second substantially planar flange plates (84) are mounted to the outboard end portions of the first and second side shells (76), respectively. The outboard end portions (92) of the first and second flange plates (84) are each mounted to an adjacent diaphragm plate (34) to install the basket assembly (36) in the heat exchanger rotor (14). The first and second side shells (76) of the basket assemblies define an angle therebetween which is substantially equal to the angle of the diaphragm plates (34).

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. IN/PCT/2002/01538 A

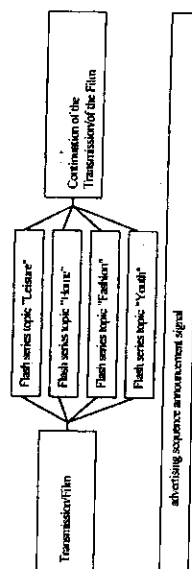
(22) Date of filing of : 17/12/2002
application

(54) Title of the Invention : "METHOD OF RECEIVING AND OF SCREENING SEQUENCES OF TOPIC-BASED AUDIOVISUAL PROGRAMMES, AND RECEIVER FOR IMPLEMENTING THE METHOD."

<p>(51) International classification : H04N 5/445 (30) Priority Data : (31) Document No. 00/08240 (32) Date : 27/06/2000 (33) Name of convention country : FR (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA</p>	<p>(71) Name of the Applicant : THOMSON LICENSING S.A., OF 46, QUAI ALPHONSE LE GALLO, F-92100 BOULOGNE-BILLANCOURT, FRANCE. (72) Name of the Inventors : 1. SCHMOUKER, PHILIPPE, 2. LEGALLAIS, YVON, 3. PERROT, SEBASTIEN.</p>
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(57) Abstract : The invention consists of a process for receiving and for screening audiovisual programmes broadcast by a network. The programmes consisting of events and of short programmes possessing a distinctive element, these short programmes being broadcast by services identifiable by this distinctive element. At a certain moment specified by the broadcaster, a sequence is transmitted on the network, it is replaced at the level of the display of the receiver by another sequence extracted from a service broadcasting short programmes. The choice of this service is made at the receiver level. To avoid the appearance of a black screen between the network's transmitted sequences and the short programmes, the receiver dispatches a filler programme to the screen.

The invention also consists of a digital television receiver for implementing the process.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/01539 A (22) Date of filing of : 17/12/2002
application
(54) Title of the Invention : "INK JET PRINthead HAVING A GROUND BUS THAT
OVERLAPS TRANSISTOR ACTIVE REGIONS."

(51) International classification : B41J 2/14	(71) Name of the Applicant : HEWLETT- PACKARD COMPANY, OF LEGAL
(30) Priority Data :	DEPARTMENT, M/S. 20BN, 3000
(31) Document No. 09/621,922	HANOVER STREET PALO ALTO, CA
(32) Date : 24/07/2000	94304-1112, U.S.A.
(33) Name of convention country : U.S.A.	
(66) Filed U/s 5(2) :NIL	(72) Name of the Inventors :
(61) Patent of addition to application No. NA	1. TORGERSON, JOSEPH, M.,
(62) Filed on :NA	2. HURST, DAVID, M.,
(63) Divisional to Application No. :NIL	
(64) Filed on :NA	

- (57) Abstract : An ink jet printhead having a ground bus (181) that partially overlies active regions of FET drive circuits (85).

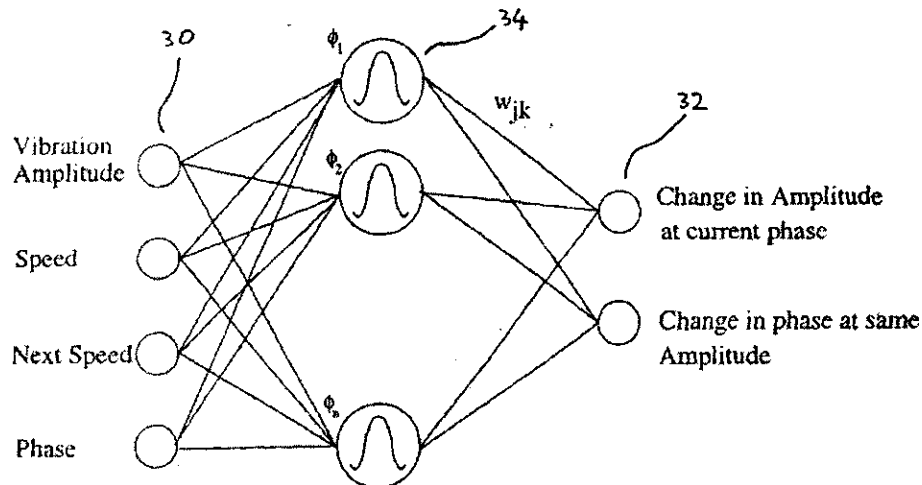
Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/01540 A (22) Date of filing of : 17/12/2002
application
(54) Title of the Invention : "MONITORING THE HEALTH OF A POWER PLANT."

(51) International classification : G01H 1/00	(71) Name of the Applicant : ROLLS ROYCE PLC., 65 BUCKINGHAM GATE, LONDON, GREATER LONDON, SW1B 6AT, GREAT BRITAIN.
(30) Priority Data :	
(31) Document No. 0016561.3	
(32) Date : 05/07/2000	
(33) Name of convention country : GB	
(66) Filed U/s 5(2) :NIL	(72) Name of the Inventors :
(61) Patent of addition to application No. NA	1. ANUZIZ PAUL,
(62) Filed on :NA	2.KING STEVE P.,
(63) Divisional to Application No. :NIL	3. KING DENNIS M.,
(64) Filed on :NA	4. TARASSENKO LIONEL,
	5. HAYTON PAUL,
	6. UTETE SIMUKAI.

(57) Abstract :



A method for monitoring the health of a system comprises performing at each of a plurality of times the steps of: constructing a condition signature (30) from a plurality of condition indicators including (a) a plurality of vibration measurements acquired from the system or (b) one or more vibration measurements and one or more performance parameter measurements acquired from the system; predicting a normal signature (32) from a model defining one or more inter-dependencies between said condition indicators, the normal signature corresponding to the condition signature for a healthy system; comparing the condition signature with the normal signature; and registering an event if the condition signature differs from the normal signature by more than a predetermined threshold.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. IN/PCT/2002/01542 A

(22) Date of filing of : 17/12/2002
application

(54) Title of the Invention : "SEALANTS AND POTTING FORMULATIONS INCLUDING MERCAPTO-TERMINATED POLYMERS PRODUCED BY THE REACTION OF A POLYTHIOL AND POLYVINYL ETHER MONOMER."

<p>(51) International classification : C09K 3/10, C08G 75/04, 75/00 (30) Priority Data : (31) Document No. 60/215,548, 09/756,080 & 09/756,573 (32) Date : 30/06/2000, 08/01/2001 & 08/01/2000 (33) Name of convention country : U.S.A. (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA</p>	<p>(71) Name of the Applicant : PRC-DE SOTO INTERNATIONAL, INC., OF 5430 SAN FERNANDO ROAD, GLENDALE, CA 91209 U.S.A. (72) Name of the Inventors : 1. ZOOK JONATHAN D., 2. DEMOSS SUSAN E., 3. JORDAN DAVID W., 4. RAO CHANDRA B., 5. SONGH HAKAM, 6. SHARABY AHMED.</p>
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(57) Abstract :

Sealant and potting formulations are provided which are prepared from components including ungelled mercapto-terminated polymer(s) prepared by reacting reactants comprising polyvinyl ether monomer(s) and polythiol material(s); curing agent(s) reactive with a mercapto group of the mercapto-terminated polymer; and additive(s) selected from the group consisting of fillers, adhesion promoters, plasticizers and catalysts.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. IN/PCT/2002/01543 A

(22) Date of filing of : 17/12/2002
application

(54) Title of the Invention : "INTERMEDIATE COIN STORAGE WITH TRANSLATIONAL MOVEMENT FOR PUBLIC TELEPHONES."

<p>(51) International classification : G07F 5/24, 9/04, 1/04 (30) Priority Data : (31) Document No. P 200001358 (32) Date : 29/05/2000 (33) Name of convention country : SPAIN (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA</p>	<p>(71) Name of the Applicant : SIEMENS ELASA, S.A., OF POLIGONO DE MALPICA CALLE D-98, E-50016 ZARAGOZA SPAIN. (72) Name of the Inventors : MARTIN GOMEZ DAMASO</p>
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(57) Abstract : The deposit comprises a number of disc-shaped elements or partitions (2) arranged parallel to each other to form a fully open cylindrical body (1) with its longitudinal axis horizontal, so that the partitions or elements (2) define slots (3) for the coins (4) which arrive from the validator/selector (5), and with said coins (4) resting on a false floor (6) which envelopes a certain angle of the bottom perimeter of the deposit formed by the cylindrical body (1). This false floor (6) is provided with a groove (8) so that when said floor turns in one sense a coin (4) will fall towards the collection hopper, while when the floor (6) turns in the opposite sense all the remaining coins will fall towards the return hopper.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/01544 A (22) Date of filing of : 18/12/2002 application
- (54) Title of the Invention : "CELLULOSE POWDER."

(51) International classification : C08B 15/08, A61K 47/38, 9/20	(71) Name of the Applicant : ASAHI KASEI KABUSHIKI KAISHA, OF 2-6, DOJIMAHAMA 1-CHOME, KITA-KU, OSAKA, JAPAN.
(30) Priority Data :	
(31) Document No. 2000-204000	
(32) Date : 05/07/2000	
(33) Name of convention country : JP	(72) Name of the Inventors :
(66) Filed U/s 5(2) :NIL	1. OBAE KAZUHIRO,
(61) Patent of addition to application No. NA	2. KAMADA ETSUO,
(62) Filed on :NA	3. HONDA YOHSUKE,
(63) Divisional to Application No. :NIL	4. GOMI SHUN ICHI,
(64) Filed on :NA	5. YAMAZAKI NAOAKI

- (57) Abstract : Cellulose powder having an especially excellent balance among moldability, fluidity and disintegrating property is provided. Cellulose powder having an average polymerization degree of 150 – 450, an average L/D (the ratio of the major axis to the minor axis) value of particles of 75µm or less of 2.0 – 4.5, an average particle size of 20-250 µm, an apparent specific volume of 4.0 – 7.0 cm³/g, an apparent tapping specific volume of 2.4 – 4.5 cm³/g, and an angle of repose of 55° or less.

Publication After 18 months.

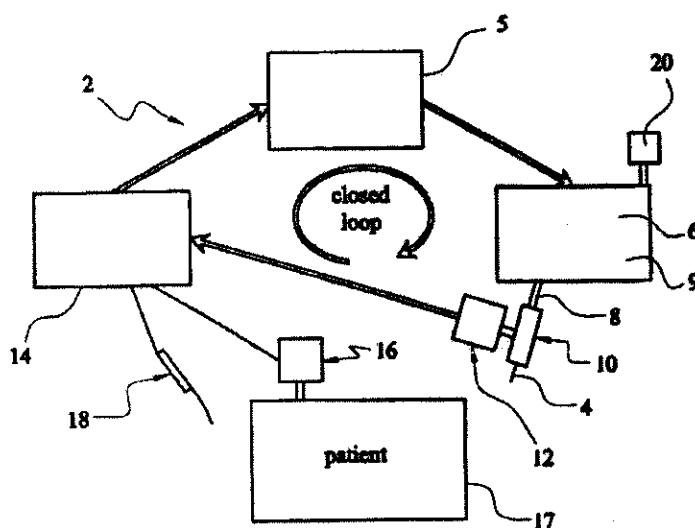
The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. IN/PCT/2002/01545 A

(22) Date of filing of : 18/12/2002
application

(54) Title of the Invention : "APPARATUS FOR POSITIONING A SURGICAL INSTRUMENT."

<p>(51) International classification : A61B 19/00 (30) Priority Data : (31) Document No. 0015683.6 (32) Date : 28/06/2000 (33) Name of convention country : GB (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA</p>	<p>(71) Name of the Applicant : DEPUY INTERNATIONAL LIMITED, OF ST. ANTHONY'S ROAD, BEESTON, LEEDS LS118DT, UNITED KINGDOM (72) Name of the Inventors : WAHRBURN, JURGEN.</p>
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(57) Abstract: Apparatus for positioning a surgical instrument (4) during a surgical orthopaedic procedure relative to the coordinate system of the apparatus, comprises a surgical instrument and a robotic control system (6) for moving the surgical instrument within the apparatus coordinate system according to program instructions. An instrument sensor (12) is fixed relative to the instrument to indicate the true position of the instrument within the apparatus coordinate system, and a reference sensor (16) is then fixed to a patient's bone to indicate the position of the patient's bone within the apparatus coordinate system. A detector (14) for monitoring the positions of the instrument sensor and the reference sensor, and a signal processor receives position signals from the detector, and generates a desired position signal to the robotic control system to position the surgical instrument at a desired location relative to the reference sensor, by a process which involves minimising the difference between the true position of the instrument and the said desired location.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. IN/PCT/2002/01547 A

(22) Date of filing of : 18/12/2002
application

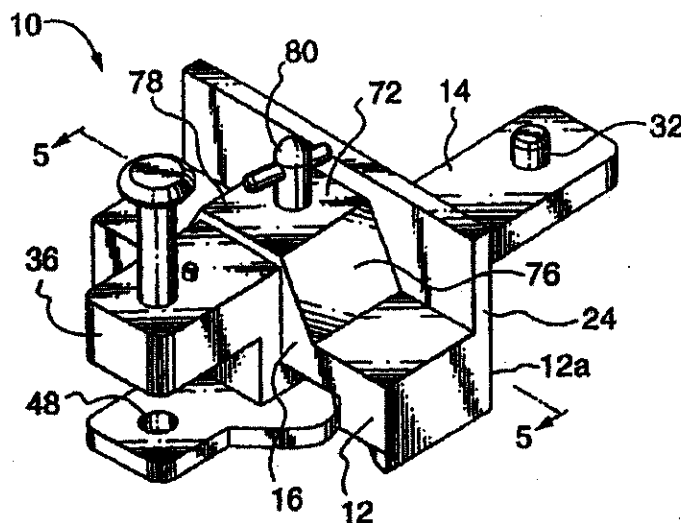
(54) Title of the Invention : "SELF ALIGNING HITCH."

(51) International classification : B60D 1/40
(30) Priority Data :
(31) Document No. 09/612,569 & 09/726,410
(32) Date : 07/07/2000 & 01/12/2000
(33) Name of convention country : U.S.A.
(66) Filed U/s 5(2) : NIL
(61) Patent of addition to application No. NA
(62) Filed on : NA
(63) Divisional to Application No. : NIL
(64) Filed on : NA

(71) Name of the Applicant : SLATTEN
IVAN BOALERL, OF 1892-154TH STREET,
SURREY, BRITISH COLUMBIA, V4A 5J8,
CANADA.

(72) Name of the Inventors :
SLATTEN IVAN BOALER

(57) Abstract :



A hitch (10) for coupling a towing vehicle (27) and a trailer vehicle, particularly where the vehicles are misaligned. The hitch (10) has a tongue housing (12) for attachment to one of the vehicles and a tongue (14) for extension and retraction within a throat (23) defined by the tongue housing (12). The tongue (14) articulates laterally to couple misaligned vehicles. The tongue (14) has a coupler and is movable to a locked position where a spring-biased pin (80) is insertable through apertures (86, 88, 90, 91) in the tongue housing (12), a lock pin housing (72) and the tongue (14) to lock it in place. The tongue (14) and the tongue housing (12) have cooperating guide members (50, 60) to effect a smooth, guided movement of the tongue (14) to its locked position. The guide members (50, 60) have cooperating, rounded cam members (52, 54, 62) and pockets (56, 64, 66) which facilitate the movement of the tongue (14) to its locked position. Rounded side walls (20, 22) of the tongue housing (12) guide the tongue (14) during retraction into the housing (12).

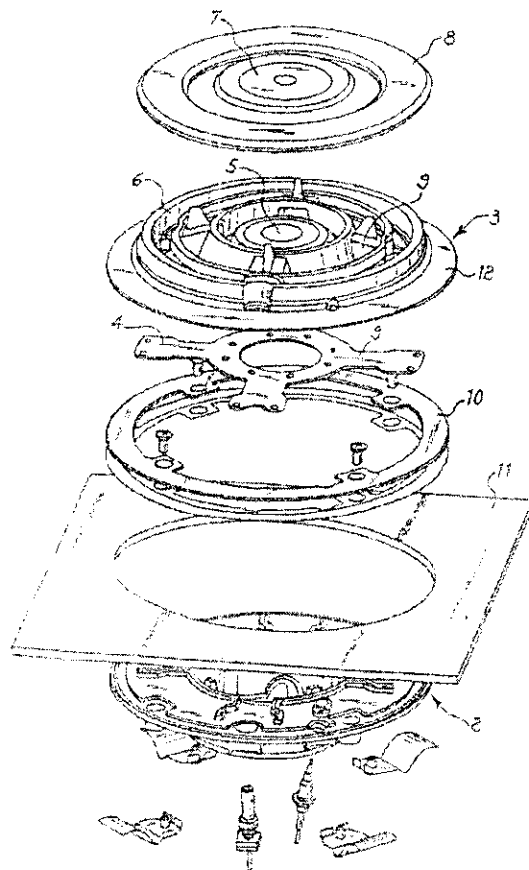
Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/01548 A (22) Date of filing of : 18/12/2002
application
(54) Title of the Invention : "BURNER WITH INTERNAL SEPARATOR."

<p>(51) International classification : F23D 14/06, F24C 3/08 (30) Priority Data : (31) Document No. MI2000A001523 (32) Date : 06/07/2000 (33) Name of convention country : ITALY (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA</p>	<p>(71) Name of the Applicant : SABAF S.P.A., OF VIA DEI CARPINI, 1, I-25035 OSPITALETTO (BS) ITALY. (72) Name of the Inventors : BETTINZOLI ANGELO</p>
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(57) Abstract :



The invention relates to a burner (1) for cookers, suitable for burning gas, comprising at least two gas crowns, of which one central one and at least one circumferential one, a mixing chamber (13) with Venturi effect, ducts for entry of the primary air and radial ducts (9) for feeding the gas/primary air mixture to the said at least one circumferential crown, comprising a body (3), a head (2) and a separation element (4) that breaks up the internal space into ducts for entry of the primary air and ducts for distribution of the gas/primary air mixture.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/01549 A (22) Date of filing of : 18/12/2002 application
(54) Title of the Invention : "CARD HOLDER."

(51) International classification : B42F 1/02 (30) Priority Data : (31) Document No. 2000-239105 & 2000-402407 (32) Date : 07/08/2000 & 28/12/2000 (33) Name of convention country : JAPAN (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA	(71) Name of the Applicant : NS PLANNING INC., OF 2-26-7, MINAMI- OTSUKA, TOSHIMA-KU, TOKYO, 170- 0005, JAPAN. (72) Name of the Inventors : YOSHIDA TSUKASA
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- (57) Abstract : A basic piece having a thick portion has its end engaged with an outer covering piece so as to provide a card insertion opening formed on one side portion. A card pinching piece having elasticity is disposed in a space between the basic piece and the outer covering piece and attached to the outer covering piece such that one end of the card pinching piece abuts against the basic piece.

(21) Application No. IN/PCT/2002/01550 A (22) Date of filing of : 19/12/2002
application
(54) Title of the Invention : "A COMPUTER WITH SWITCHABLE COMPONENTS."

<p>(51) International classification : G06F 11/14</p> <p>(30) Priority Data :</p> <p>(31) Document No. 60/205,531, 60/220,282 & 60/291,767</p> <p>(32) Date : 19/05/2000, 24/07/2000 & 17/05/2001</p> <p>(33) Name of convention country : U.S.A.</p> <p>(66) Filed U/s 5(2) :NIL</p> <p>(61) Patent of addition to application No. NA</p> <p>(62) Filed on :NA</p> <p>(63) Divisional to Application No. :NIL</p> <p>(64) Filed on :NA</p>	<p>(71) Name of the Applicant : SELF REPAIRING COMPUTERS, INC., OF 2460-21ST AVENUE, SAN FRANCISCO, CALIFORNIA, U.S.A.</p> <p>(72) Name of the Inventors : 1. LARGMEN, KENNETH, 2. MORE, ANTHONY, B., 3. BLAIR, JEFFERY.</p>
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graph TD
    ID[Input Device 1D] --> MC[Microcontroller 1A]
    OD[Output Device 1C] --> MC
    subgraph 12_prime [12']
        MC
        S19[Switch 19]
        S13[Switch 13]
    end
    PS[Power Supply 1B] -- 1' --> BDS[(Boot Data Store 12)]
    BDS --> PC17[Peripheral Controller 17]
    PC17 -- 15 --> VM[Volatile Memory 11]
    VM --> CPU[CPU 10]
    CPU --> PC18[Peripheral Controller 18]
    PC18 --> TDS[(Template Data Store 14)]
    TDS --> S19
    S19 --> S13
    S13 --> BDS
    S19 --> MC
    S13 --> MC
    
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A computer (1) has three modes of operation: normal, repair and switching. In the switching mode, user input makes the system switch (13, 19) to the repair mode. Switching can be logically or physically and can control different components of the system. The system reboots and automatically copies data from the template data store (14) to the data store (12) to be repaired. After repair, the user resets the switch (13, 19) and reboots in normal mode. User settings determine what actions are performed in the repair mode.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

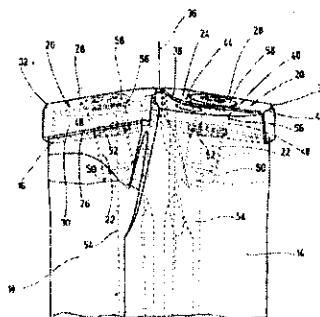
(21) Application No. IN/PCT/2002/01551 A

(22) Date of filing of : 19/12/2002
application

(54) Title of the Invention : "DRILLING TOOL"

<p>(51) International classification : B23B 51/02 (30) Priority Data : (31) Document No. 100 30 297.1 (32) Date : 27/06/2000 (33) Name of convention country : DE (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA</p>	<p>(71) Name of the Applicant : KOMET PRAZISIONSWERKZEUGE ROBERT BREUNING GMBH., OF ZEPPELINSTRASSE 3, 74354 BESIGHEIM, GERMANY.</p> <p>(72) Name of the Inventors : 1. FRITSCH, ANDREE, 2. KRUSZYNSKI, JACEK, 3. ROSER, FRANK, 4. SCHUTT, HENRY, 5. SPORS, BENNO, 6. HEILMANN, JORGEN, 7. LEUZE, PETER.</p>
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(57) Abstract : The invention relates to a double or multiple-edged drilling tool. The drilling tool has a base body (14) which is rotatable about a drilling axis (36), and on which are arranged on the front face at least two plate seats (16) for accommodating identical interchangeable cutting plates (20). The interchangeable cutting plates each have a machining face (30) and a clearance face (24) adjoining a principal cutting edge (28) forming a cutting wedge, and a seat face (26) facing away from the clearance face. A guiding land (34) is furthermore provided, which guiding land adjoins radially outwardly through each edge the machining face (30), the clearance face (24) and optically the seat face (26), and with which land (34) is supported the guiding of the drilling too into the drill hole. The cutting plates (20) each are pierced in the area of the clearance face (24) and of the seat face (26) by a hole (48) for a retaining screw (22) which is screwed into a threaded bore (50) at the front face of the base body (14) in the area of the plate seat (16). The holes (48) are according to the invention aligned with their axis perpendicularly to the clearance face (24) and preferably to the seat face (26) of the associated cutting plates (20), whereas the axes of the threaded bores (50) are aligned inclined to the drilling axis (36) and inclined to each other in the base body (14).



Publication After 18 months.

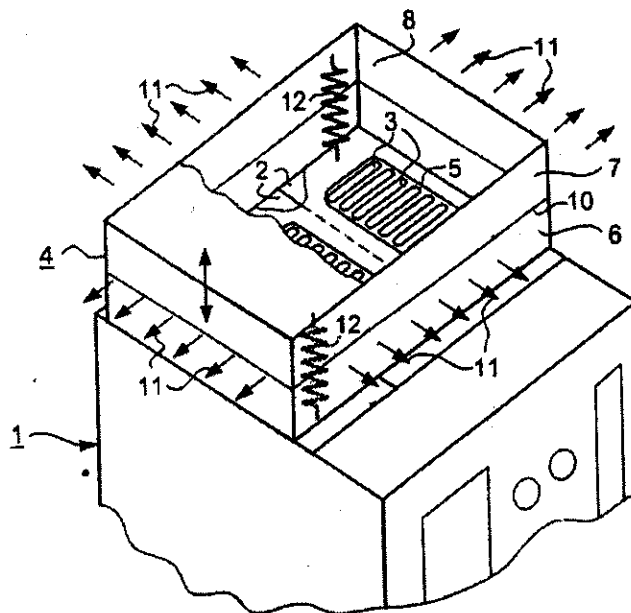
The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. IN/PCT/2002/01552 A (22) Date of filing of : 19/12/2002
application

(54) Title of the Invention : "LOW-VOLTAGE CIRCUIT BREAKER WITH AN ARC EXTINGUISHING CHAMBER AND WITH A SWITCHING GAS DAMPER"

<p>(51) International classification : H01H 9/34 (30) Priority Data : (31) Document No. 100 33 936.0 (32) Date : 05/07/2000 (33) Name of convention country : DE (66) Filed U/s 5(2) : NIL (61) Patent of addition to application No. NA (62) Filed on : NA (63) Divisional to Application No. : NIL (64) Filed on : NA</p>	<p>(71) Name of the Applicant : SIEMENS AKTIENGESELLSCHAFT, OF WITTELSBACHERPLATZ 2, 80333 MUNCHEN, GERMANY. (72) Name of the Inventors : KURZMANN, HARALD</p>
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(57) Abstract :



A low-voltage circuit breaker (1) has an arc-extinguishing chamber (2) and a switching gas damper (4) which consists of two partial bodies (6, 7) that are displaceable in relation to each other. One (6) of the partial bodies (6, 7) is fixed to the circuit-breaker (1), while the other (7) is pre-stressed against the first partial body (6) with an elastic restoring force (spring 12). The switching gases that are discharged from the arc-extinguishing chamber (2) are contained inside (8) the switching gas damper (4) until the relative displacement of the partial bodies (6, 7) forms a flow outlet through which the switching gases can escape.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/01553 A (22) Date of filing of : 19/12/2002 application
(54) Title of the Invention : "MULTIVALENT VACCINE COMPOSITION."

<p>(51) International classification : A61K 39/385, 39/102, 39/116, 39/29, 39/295 (30) Priority Data : (31) Document No. 0015999.6, 0108363.3 & 0108364.1 (32) Date : 29/06/2000, 03/04/2001 & 03/04/2001 (33) Name of convention country : GB (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA</p>	<p>(71) Name of the Applicant : GLAXOSMITHKLINE BIOLOGICALS S.A., OF RUE DE L' INSTITUT 89, B-1330 RIXENSART, BELGIUM. (72) Name of the Inventors : 1. BOUTRIAU DOMINIQUE, 2. CAPIAU CARINE, 3. DESMONS PIERRE MICHEL, 4. LEMOINE DOMINIQUE, 5. POOLMAN JAN.</p>
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(57) Abstract :

A multi-valent vaccine composition is described comprising a conjugate of the capsular polysaccharide of *H. influenzae* b not adsorbed onto an aluminium adjuvant salt, and two or more further bacterial polysaccharides. A multi-valent vaccine composition is also described comprising a whole-cell pertussis component, tetanus toxoid, diphtheria toxoid, Hepatitis B surface antigen, a conjugate of the capsular polysaccharide of *H. influenzae* b, and a conjugate of a capsular polysaccharide of *N. meningitidis* type A or C (or both). Furthermore, a multi-valent vaccine composition is described comprising a whole-cell pertussis component, tetanus toxoid, diphtheria toxoid, and a low dose of a conjugate of the capsular polysaccharide of *H. influenzae* b.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

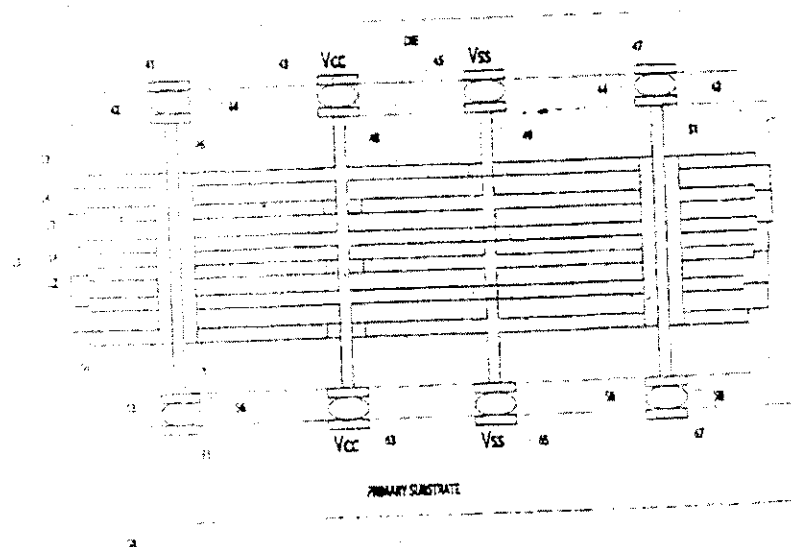
- (21) Application No. IN/PCT/2002/01554 A (22) Date of filing of : 20/12/2002
application
(54) Title of the Invention : "ELECTRONIC ASSEMBLY COMPRISING INTERPOSER WITH EMBEDDED CAPACITORS AND METHODS OF MANUFACTURE."

(51) International classification : H01L 23/498
(30) Priority Data :
(31) Document No. 09/628,705
(32) Date : 31/07/2000
(33) Name of convention country : U.S.A.
(66) Filed U/s 5(2) : NIL
(61) Patent of addition to application No. NA
(62) Filed on : NA
(63) Divisional to Application No. : NIL
(64) Filed on : NA

(71) Name of the Applicant : INTEL CORPORATION, OF 2200 MISSION COLLEGE BOULEVARD, SANTA CLARA, CA 95052, U.S.A.

(72) Name of the Inventors : CHAKRAVORTY KISHORE K.

(57) Abstract :



To reduce switching noise, the power supply terminals of an integrated circuit die are coupled to the respective terminals of at least one capacitor embedded in an interposer that lies between the die and a substrate. In one embodiment, the interposer is a multilayer ceramic structure that couples power and signal conductors on the die to corresponding conductors on the substrate. The capacitor is formed of at least one high permittivity layer and in one embodiment comprises several high permittivity layers interleaved with conductive layers. Alternatively, the capacitor can comprise at least one embedded discrete capacitor. Also described are an electronic assembly, a data processing system, and various methods of manufacture.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. IN/PCT/2002/01556 A

(22) Date of filing of : 20/12/2002
application

(54) Title of the Invention : "METHOD AND COMPOSITIONS UTILIZING QUINAZOLINONES."

(51) International classification : C07D
239/90, 239/91, A61K 31/517, A61P 37/02,
35/00

(30) Priority Data :

(31) Document No. 60/213,104, 09/699,047

(32) Date : 21/06/2000, 24/10/2000

(33) Name of convention country : U.S.A.

(66) Filed U/s 5(2) :NIL

(61) Patent of addition to application No. NA

(62) Filed on :NA

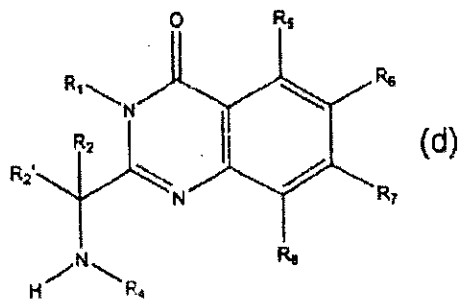
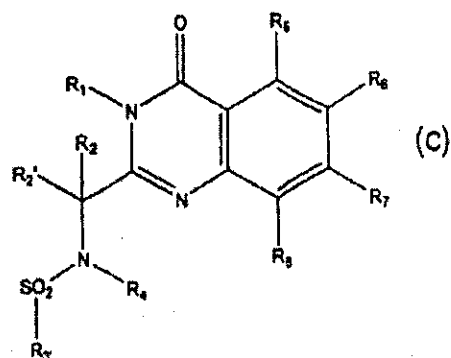
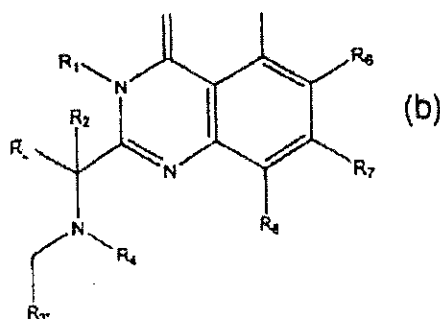
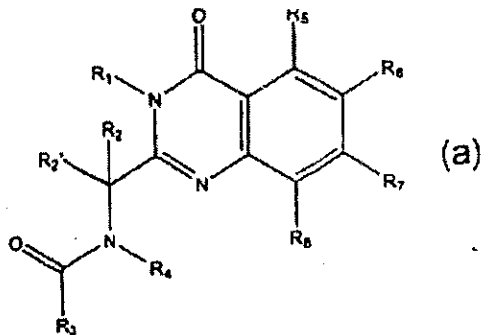
(63) Divisional to Application No. :NIL

(64) Filed on :NA

(71) Name of the Applicant :
CYTOKINETICS, INC., OF SUITE 2, 280
EAST GRAND AVENUE, SOUTH SAN
FRANCISCO, CA 94080, U.S.A.

(72) Name of the Inventors :

1. FINER JEFFREY T.,
2. BERGNES GUSTAV,
3. FENG BAINIAN,
4. SMITH WHITNEY W.,
5. CHABA! A JOHN C.,
6. MORGANS DAVID J. JR.,



57) Abstract: Quinazolinones of formulae (a, b, c and d) are disclosed. They are useful for treating cellular proliferative diseases and disorders associated with KSP kinesin activity.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. IN/PCT/2002/01557 A

(22) Date of filing of : 20/12/2002
application

(54) Title of the Invention : "THERAPEUTIC PREPARATION FOR ANXIETY NEUROSIS OR DEPRESSION, AND PIPERAZINE DERIVATIVES."

(51) International classification : A61K
45/00, 31/496, 31/495

(30) Priority Data :

(31) Document No. 2000-192856

(32) Date : 27/06/2000

(33) Name of convention country : JP

(66) Filed U/s 5(2) : NIL

(61) Patent of addition to application No. NA

(62) Filed on : NA

(63) Divisional to Application No. : NIL

(64) Filed on : NA

(71) Name of the Applicant : TAISHO
PHARMACEUTICAL CO. LTD., OF 24-1,
TAKATA-3-CHOME, TOSHIMA-KU,
TOKYO, JAPAN.

(72) Name of the Inventors :

1. NAKAZATO ATSURO,

2. CHAKI SHIGEYUKI,

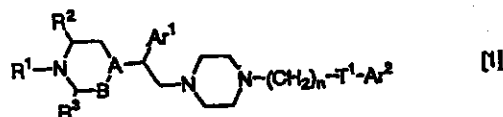
3. OKUBO TAKETOSHI,

4. OGAWA SHIN-ICHI,

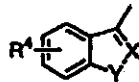
5. ISHII TAKAAKI

(57) Abstract :

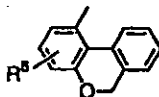
There are provided a therapeutic preparation for anxiety neurosis or depression which comprises a MC₄ receptor antagonist as an effective ingredient; and a piperazine derivative represented by Formula [1]:



[wherein Ar¹ is a phenyl group, a substituted phenyl group, a naphthyl group or a substituted naphthyl group; Ar² is a naphthyl group, a substituted naphthyl group, a quinolyl group, a group represented by the formula:



(wherein R⁴ is a hydrogen atom or a halogen atom; and X-Y is CH-NH, CH-O, CH-S or N-O) or a group represented by the formula:



(wherein R⁵ is a hydrogen atom, a hydroxyl group or a C₁₋₁₀ alkoxy group); R¹ is a hydrogen atom, a C₁₋₁₀ alkyl group, a C₃₋₈ cycloalkyl group, a C₃₋₁₀ alkenyl

group, a phenyl group, a 1-cyanoethyl group, a pyrimidin-2-yl group or an amidyl group; R^2 and R^3 are the same or different, and are each a hydrogen atom or a C_{1-10} alkyl group; A-B is $N-CH_2$, $CH-CH_2$, $C(OH)-CH_2$ or $C=CH$; T^1 is a single bond, $-N(R^6)-$ (wherein R^6 is a hydrogen atom or a C_{1-10} alkyl group), $-O-$, $-CH=CH-$ or $-C(=O)-$; n is an integer of from 1 to 10 and when T^1 is a single bond, $-CH=CH-$ or $-C(=O)-$, n is an integer of from 2 to 10 when T^1 is $-N(R^6)-$ or $-O-$, or a pharmaceutically acceptable salt thereof.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/01558 A (22) Date of filing of : 20/12/2002 application
(54) Title of the Invention : "ACID ADDITION SALTS OF HYDROPYRIDINE DERIVATIVES."

<p>(51) International classification : C07D 495/04, A61K 31/4365, A61P 7/02, 9/10 (30) Priority Data : (31) Document No. 2000-205396, 2000-266780 (32) Date : 06/07/2000, 04/09/2000 (33) Name of convention country : JP (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA</p>	<p>(71) Name of the Applicant : 1. SANKYO COMPANY LIMITED, OF 5-1, NIHONBASHI HONCHO 3-CHOME, CHUO-KU TOKYO 103-8426, JAPAN, AND 2. UBE INDUSTRIES, LTD., OF 1978-96, OAZA KOGUSHI, UBE-SHI, YAMAGUCHI 755-8633 JAPAN. (72) Name of the Inventors : 1. ASAI FUMITOSHI, 2. OGAWA TAKETOSHI, 3. NAGANUMA HIDEO, 4. YAMAMURA NAOTOSHI, 5. INOUE TERUHIKO, 6. NAKAMURA KAZUYOSHI.</p>
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(57) Abstract : Acid addition salts of 2-acetoxy-5-(α -cyclopropyl-carbonyl-2-fluorobenzyl)-4,5,6,7-tetrahydrothieno[3,2-c]-pyridine.

The acid addition salts of tetrahydrothienopyridine derivatives of the present Invention exhibit excellent oral absorption, metabolism into the active compound, and platelet aggregation-inhibiting effects, low toxicity, and excellent storage and handling stabilities, and are useful as medicaments, preferably preventive or therapeutic agents (particularly therapeutic agents) for diseases caused by thrombus or embolus, still more preferably preventive or therapeutic agents (particularly therapeutic agents) for thrombosis or embolism.

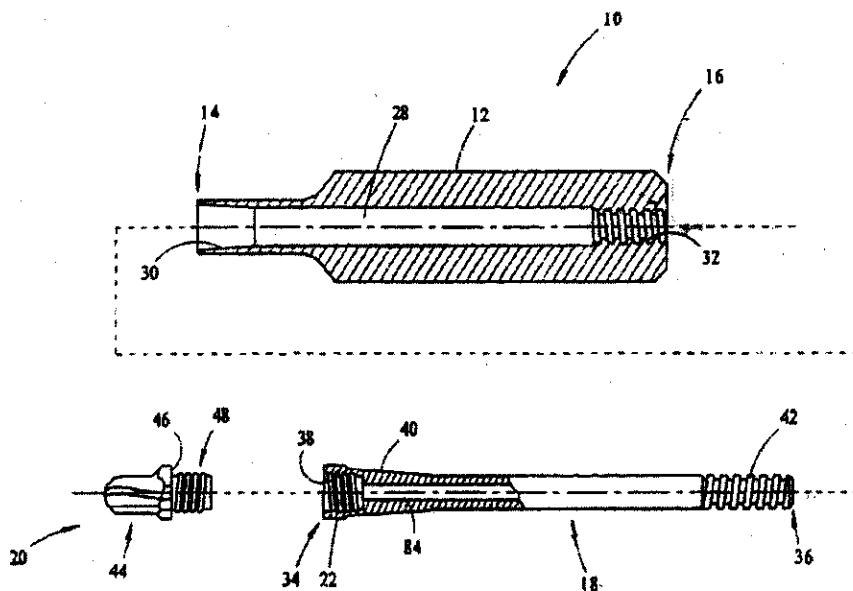
Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/01559 A (22) Date of filing of : 20/12/2002 application
- (54) Title of the Invention : "CUTTING TOOL ASSEMBLY."

(51) International classification : B23C 5/10, B23B 31/11 (30) Priority Data : (31) Document No. 137316 (32) Date : 16/07/2000 (33) Name of convention country : IL (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA	(71) Name of the Applicant : ISCAR LTD., ISRAEL, OF P.O. BOX 11, 24959 TEFEN, AN ISRAELI COMPANY. (72) Name of the Inventors : HARPAZ, JACOB
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(57) Abstract :



The present invention provides a cutting tool assembly (10) having a tool shank (12) with an elongated hole (28) extending axially through the tool shank (12). An elongated support bar (18) having threaded bore (38) at its forward end is retained in the elongated hole. A cutting head having a forward cutting portion (44) and a rear threaded portion (48) is retained in the support bar with its rear threaded portion threadingly engaged with the threaded bore in the forward end (34) of the support bar.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/01560 A (22) Date of filing of : 23/12/2002
application
(54) Title of the Invention : "METHOD FOR ESTABLISHING PACKET-BASED
CONNECTIONS IN A WIRELESS NETWORK."

(51) International classification : H04Q 7/22, 7/38, H04L 29/06 (30) Priority Data : (31) Document No. 60/220,360 & 09/737,888 (32) Date : 24/07/2000 & 15/12/2000 (33) Name of convention country : U.S.A. (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA	(71) Name of the Applicant : NORTEL NETWORKS LIMITED, OF 2351 BOULEVARD ALFRED-NOBEL, ST. LAURENT QUEBEC, H4S 2A9, CANADA. (72) Name of the Inventors : 1. BARANY PETER A., 2. BONTU CHANDRA SEKHAR, 3. RAHMAN SHAMIM AKBAR.
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(57) Abstract : A communications system (10) includes a wireless access network that is coupled to a packet-based data network (32). Packet-based calls may be established between a mobile station (20) coupled to the wireless access network and a network endpoint coupled to the data network (32). For efficient call setup and call release, call control signalling, such as Session Initiation Protocol (SIP) messages and resource Reservation Protocol (RSVP) messages, are carried in traffic channels over the wireless access network.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/01561 A (22) Date of filing of : 23/12/2002 application
(54) Title of the Invention : "MESSAGING PROXY SYSTEM."

(51) International classification : H04L 29/00 (30) Priority Data : (31) Document No. 09/611,629 (32) Date : 07/07/2000 (33) Name of convention country : U.S.A. (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA	(71) Name of the Applicant : SOFTWIRED AG., OF TECHNOPARKSTRASSE 1, CH-8005, ZURICH, SWITZERLAND. (72) Name of the Inventors : MAFFEIS SILVANO
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(57) Abstract : A messaging proxy system is disclosed for the purpose of delivering data in the form of a portable message format from a producer running on a mobile or non-mobile computer, over any wireless network, by passing this data through an intermediary proxy compute program, to one or more recipients running on mobile or non-mobile computers. The system includes a message proxy computer program with at least one pluggable transport protocol adapter. The proxy contains a command subsystem for sending and receiving command- and message-tokens to and from the mobile clients. The system further includes a thin messaging middleware client to run on mobile devices. The thin messaging middleware client includes at least one pluggable protocol adapter. The client also comprises a command subsystem for sending and receiving command and message-tokens to and from the proxy. The proxy also contains a communication subsystem for sending and receiving messages via a state of the art message oriented middleware.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. IN/PCT/2002/01562 A

(22) Date of filing of : 23/12/2002
application

(54) Title of the Invention : "BIODEGRADABLE VEHICLES AND DELIVERY SYSTEMS OF BIOLOGICALLY ACTIVE SUBSTANCES."

<p>(51) International classification : A61F 2/00, 13/00, A61K 9/22 (30) Priority Data : (31) Document No. 09/605, 661, 694/MUM/2000 & 001 20871.3 (32) Date : 28/06/2000, 25/07/2000 & 03/08/2000 (33) Name of convention country : U.S.A., IN & CH (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA</p>	<p>(71) Name of the Applicant : SHUKLA, ATUL J., 837 WALNUT BEND ROAD, CORDOVA, TN 38018, U.S.A. (72) Name of the Inventors : SHUKLA, ATUL, J.</p>
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(57) Abstract : Biodegradable vehicle and delivery systems of physiologically, pharmacologically and biologically active substance(s) (BAS) are provided. The biodegradable vehicles may be prepared by blending biodegradable polymers and plasticizers using a novel solvent evaporation method. This method involves dissolving the biodegradable polymer or copolymer and a plasticizer or mixtures of plasticizers into a volatile solvent or mixtures of volatile solvents. The volatile solvent is then removed using vacuum or at an elevated temperature or using a combination of both vacuum and elevated temperature. The biodegradable vehicle can be used as filler or spacer in the body. Biologically active substances (BAS) can be added to the biodegradable vehicle at any step during or after preparing the biodegradable vehicle, or just prior to using the biodegradable delivery system. This biodegradable delivery system provides controlled release of the BAS over the desired period of time. The biodegradable vehicle or BAS-loaded biodegradable delivery system can be injected, implanted, smeared or applied in vivo in an animal, bird or human.

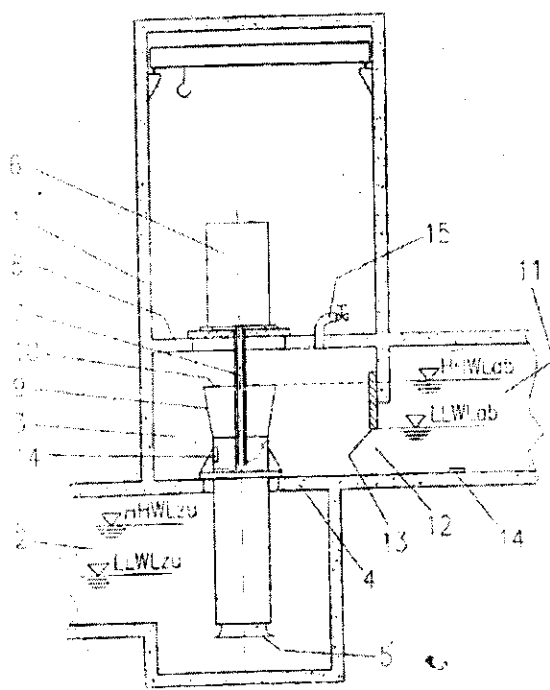
Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/01563 A (22) Date of filing of : 23/12/2002 application
- (54) Title of the Invention : "PUMPING STATION."

<p>(51) International classification : E03F 5/22</p> <p>(30) Priority Data :</p> <p>(31) Document No. 100 34 174.8</p> <p>(32) Date : 14/07/2000</p> <p>(33) Name of convention country : DE</p> <p>(66) Filed U/s 5(2) :NIL</p> <p>(61) Patent of addition to application No. NA</p> <p>(62) Filed on :NA</p> <p>(63) Divisional to Application No. :NIL</p> <p>(64) Filed on :NA</p>	<p>(71) Name of the Applicant : KSB AKTIENGESELLSCHAFT, OF JOHANN-KLEIN-STRASSE 9, 67227 FRANKENTHAL, GERMANY.</p> <p>(72) Name of the Inventors :</p> <ol style="list-style-type: none"> 1. HOHN, WOLFGANG, 2. KNOPFEL, HANS-DIETER, 3. MEYER, GERHARD, 4. ROSELER, WOLFGANG, 5. ROSENBERGER, HARIMUT.
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(57) Abstract :



The invention relates to a pump station, comprising a building that includes at least one inlet chamber, and at least one outlet chamber that is disposed on a different level. A partition is provided between said at least two chamber within the building. At least one pump delivers a fluid through such a partition into an outlet chamber of the building. Said outlet chamber comprises an outlet opening arranged at an angle to a discharge opening. The upper edge of said discharge opening is below the liquid level that is present in an outlet provided downstream of the building. An ascending device that carries liquid and that is provided with a discharge opening that is open at the top is mounted downstream of the pump. Said discharge opening is disposed in the outlet chamber above the upper edge of the outlet opening.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/01564 A (22) Date of filing of : 23/12/2002
application
(54) Title of the Invention : "MULTICARRIER COMMUNICATION METHOD AND
MULTICARRIER COMMUNICATION APPARATUS."

(51) International classification : H04J 11/00 (30) Priority Data : (31) Document No. 2001-143490 (32) Date : 14/05/2001 (33) Name of convention country : JP (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA	(71) Name of the Applicant : MATSUSHITA ELECTRIC INDUSTRIAL CO. LTD., OF 1006, OAZA KADOMA, KADOMA-SHI, OSAKA 571-8501 JAPAN. (72) Name of the Inventors : 1. SUMASU ATSUSHI, 2. HIRAMATSU KATSUHIKO, 3. MIYOSHI KENICHI
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(57) Abstract : SFTD coding section 10 adjusts a sequence of frequency arrangement and phases of transmit data digital symbols in a time series and thus generates at least two transmit signals. The transmit signals are transformed into parallel signals in serial/parallel transform sections 11 and 12, and subsequently transformed into OFDM signals in IDFT sections 13 and 14 and parallel/serial transform sections 15 and 16, respectively. In this way, by using the multi-carrier transmission scheme, it is made possible to encode on the frequency axis signals conventionally encoded only on the time axis, and it is thus possible to decrease the processing delay while obtaining the same diversity effect as in the STTD transmit diversity scheme.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/01565 A (22) Date of filing of : 23/12/2002 application
(54) Title of the Invention : "PROCESS FOR THE PREPARATION OF TRIFLUOROETHOXY-SUBSTITUTED BENZOIC ACIDS."

(51) International classification : C07D (30) Priority Data : (31) Document No. 100 25 700.3 (32) Date : 26/05/2000 (33) Name of convention country : DE (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA	(71) Name of the Applicant : MERCK PATENT GMBH., FRANKFURTER STRASSE 250, 64293 DARMSTADT, GERMANY. (72) Name of the Inventors : 1. FABIAN KAL, 2. ENKE STEFFEN, 3. TILLY HERBERT.
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(57) Abstract : The invention relates to a process for the preparation of trifluoroethoxy-substituted benzoic acids by reaction of a correspondingly halogenated benzoic acid with trifluoroethanol in the solvent tetrahydrofuran in the presence of a base and a copper salt and subsequent acidic work-up.

Publication After 18 months.

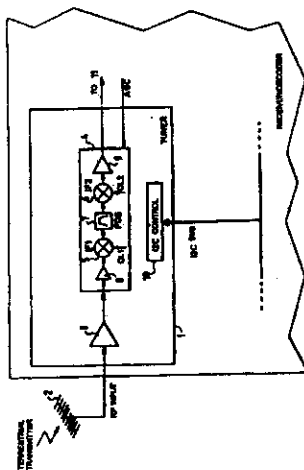
The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/01566 A (22) Date of filing of : 23/12/2002 application
- (54) Title of the Invention : "METHOD OF DETERMINING PARAMETERS OF A SIGNAL OF OFDM TYPE AND ASSOCIATED RECEIVER."

<p>(51) International classification : H04N 7/24; 5/00, H04L 27/26</p> <p>(30) Priority Data :</p> <p>(31) Document No. 00/09377</p> <p>(32) Date : 18/07/2000</p> <p>(33) Name of convention country : FR</p> <p>(66) Filed U/s 5(2) :NIL</p> <p>(61) Patent of addition to application No. NA</p> <p>(62) Filed on :NA</p> <p>(63) Divisional to Application No. :NIL</p> <p>(64) Filed on :NA</p>	<p>(71) Name of the Applicant : THOMSON LICENSING S.A., OF 46, QUAI ALPHONSE LE GALLO, F-92100 BOULOGNE BILLANCOURT, FRANCE.</p> <p>(72) Name of the Inventors : BLAT, HERVE.</p>
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- (57) Abstract : The invention relates to a method of determining parameters of a signal of OFDM type in a receiver comprising a tuner and a demodulator, as well as such a receiver. The method comprises the steps:

- programming the demodulator with a particular value of the FFT mode parameter;
- for this particular value of FFT mode parameter and a particular value of the guard interval, exhaustive variation of other parameters of the signal ;
- verification of the absence of lock-on, even temporary, of the carrier recovery loop during the phase of variation;
- in case of absence of lock-on, repetition of the previous steps with another FFT mode;
- storage of the configurations of parameters corresponding to temporary lock-one; and
- variation of the guard interval value for each of these configurations, until permanent lock-on of the carrier recovery loop is detected.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

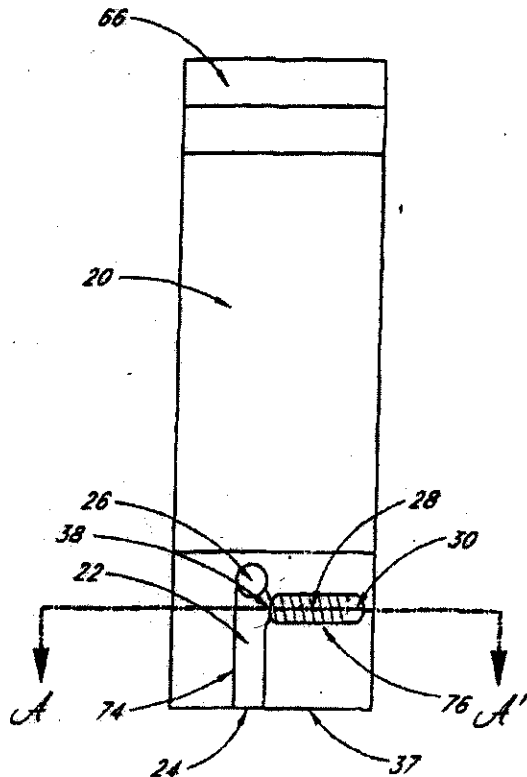
(21) Application No. IN/PCT/2002/01567 A

(22) Date of filing of : 23/12/2002
application

(54) Title of the Invention : "IMMUNOSENSOR"

<p>(51) International classification : G01N 33/543 (30) Priority Data : (31) Document No. 09/615, 691, 09/616, 433, 09/616,512 & 09/616,556 (32) Date : 14/07/2000 (33) Name of convention country : U.S.A. (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA</p>	<p>(71) Name of the Applicant : LIFESCAN, INC., OF 1000 GIBRALTAR DRIVE, MILPITAS, CALIFORNIA 95035-6312, U.S.A. (72) Name of the Inventors : 1. HODGES, ALASTAIR, 2. CHATELIER, RON</p>
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(57) Abstract :



This invention describes a quantitative, inexpensive, disposable immunosensor 20 that requires no wash steps and thus generates no liquid waste. Moreover, in preferred embodiments of the sensor 20 no timing steps are required of the user, and the sensor 20 can be readily adapted to antigen-antibody interactions over a wide kinetic range.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. IN/PCT/2002/01569 A

(22) Date of filing of : 23/12/2002
application

(54) Title of the Invention : "ELECTROCHEMICAL METHOD FOR MEASURING
CHEMICAL REACTION RATES"

(51) International classification : G01N
33/487, 27/403, 27/413, 27/49

(30) Priority Data :

(31) Document No. 09/615, 691, 09/616, 433,
09/616,512 & 09/616,556

(32) Date : 14/07/2000

(33) Name of convention country : U.S.A.

(66) Filed U/s 5(2) :NIL

(61) Patent of addition to application No. NA

(62) Filed on :NA

(63) Divisional to Application No. :NIL

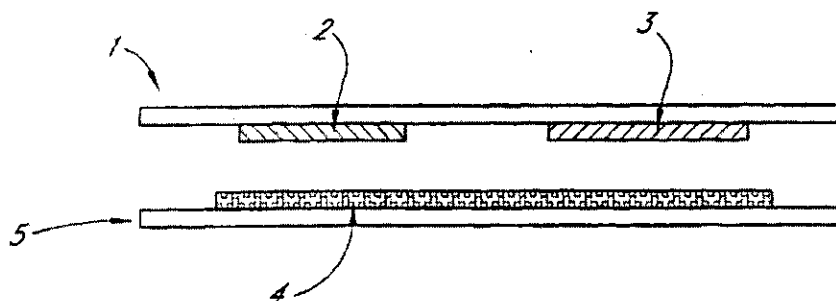
(64) Filed on :NA

(71) Name of the Applicant : LIFESCAN,
INC., OF 1000 GIBRALTAR DRIVE,
MILPITAS, CALIFORNIA 95035-6312,
U.S.A.

(72) Name of the Inventors :

1. HODGES, ALASTAIR,
2. CHATELIER, RON

(57) Abstract :



The present invention relates to the measurement of the progress of a chemical reaction that generates an electroactive reaction product that is subsequently detected at an electrode amperometrically or coulometrically. The method is useful in applications where it is desirable to follow the progress of a chemical reaction, particularly in sensor applications where the progress of the reaction of an analyte can be useful in determining the analyte concentration. Sensors used in such applications may include a working electrode (2) and a counter electrode (3) disposed on an electrically insulating substrate (1), and may also include a second substrate (5) upon which is disposed a layer of chemical reactants (4).

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/01570 A (22) Date of filing of : 23/12/2002 application
(54) Title of the Invention : "DYNAMIC MOLD AND PROCESS."

(51) International classification : (30) Priority Data : (31) Document No. 2306297 (32) Date : 01/05/2000 (33) Name of convention country : CANADA (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA	(71) Name of the Applicant : DEVANAND VERMA, 4240 MT. SINAI CR. WINDSOR, ONTARIO, CANADA N9G 2G6. (72) Name of the Inventors : DEVANAND VERMA
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(57) Abstract : The dynamic mold concept has a manufacture, a process, and an apparatus. The process is that two or more steps (initial processes) be done simultaneously. A blow molding and an injection molding machine can work within the same mold and do their process together at the same time. The dynamic mold allows the mold to be split up into several parts or it has several dies within the structure. It allows the dies to move to allow the part to exit from the mold and move in accordance to do several steps one after the other also. For manufacturing sake for example shear, thermodynamics, temperature demands for quality of product, and for reduced mold design cost, allow two or more processes be done very close together. The dynamic mold is for metal applications as well incorporating a hydro forming punch and forging etc, application. The process is open to all known manufacturing processes in metal and in plastic and in ceramics and glass and in pellet form as well, and most particles for feed limited that the product or process does not have unsafe processes and products. The manufactures are new products applicable to today's products reducing labor and tooling and hence cost. It will help recycling and aid in the environment for example more hot and cold beverage drinking plastic containers will reduce the cost of plastics considerable and reducing the cost of recycling to fewer products to recycle.

Publication After 18 months.

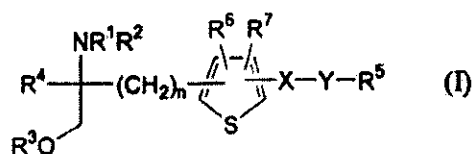
The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/01571 A (22) Date of filing of : 24/12/2002 application
(54) Title of the Invention : "AMINO ALCOHOL DERIVATIVES."

<p>(51) International classification : C07D 333/20, 333/22, 333/32, C07C 271/16, A61K 31/381, A61P 37/06, C12P 13/00 (30) Priority Data : (31) Document No. 2000-212246, 2000-241744, 2000-283218 (32) Date : 13/07/2000, 09/08/2000 & 19/09/2000 (33) Name of convention country : JP (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA</p>	<p>(71) Name of the Applicant : SANKYO COMPANY, LIMITED, OF 5-1, NIHONBASHI HONCHO 3-CHOME, CHUO-KU, TOKYO 103-8426, JAPAN. (72) Name of the Inventors : 1. NISHI TAKAHIDE, 2. TAKEMOTO TOSHIYASU, 3. SHIMOZATO TAKAICHI, 4. NARA FUTOSHI.</p>
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(57) Abstract :

The present invention relates to compounds of formula (I) which exhibit excellent immune suppression activity, pharmacologically acceptable salts thereof, esters thereof or other derivatives:



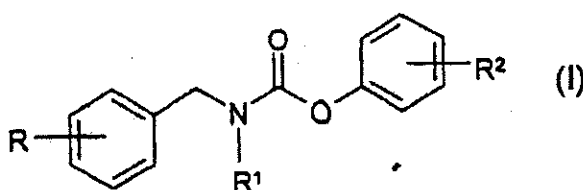
wherein R^1 and R^2 are a hydrogen atom, an amino protecting group; R^3 is a hydrogen atom, a hydroxy protecting group; R^4 is a lower alkyl group; n is an integer from 1 to 6; X is an ethylene group; Y is a C_1 - C_{10} alkylene group, a C_1 - C_{10} alkylene group substituted with 1 to 3 substituents selected from substituent group a and b; R^5 is an aryl group; R^6 and R^7 are a hydrogen atom, a group selected from substituent group a; with the proviso when R^5 is a hydrogen atom, Y is not a single bond or a straight chain C_1 - C_{10} alkylene group.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/01572 A (22) Date of filing of : 24/12/2002 application
(54) Title of the Invention : "AMINO ALCOHOL DERIVATIVES."

<p>(51) International classification : C07C 271/42, 309/29, A61K 31/155, 31/325, 31/10, A61P 7/02</p> <p>(30) Priority Data :</p> <p>(31) Document No. 100 27 024.7</p> <p>(32) Date : 31/05/2000</p> <p>(33) Name of convention country : DE</p> <p>(66) Filed U/s 5(2) :NIL</p> <p>(61) Patent of addition to application No. NA</p> <p>(62) Filed on :NA</p> <p>(63) Divisional to Application No. :NIL</p> <p>(64) Filed on :NA</p>	<p>(71) Name of the Applicant : MERCK PATENT GMBH, OF FRANKFURTER STRASSE 250 64293 DARMSTADT, GERMANY,</p> <p>(72) Name of the Inventors :</p> <ol style="list-style-type: none"> 1. MEDERSKI, WERNER, 2. JURASZYK, HORST, 3. DORSCH, DIETER, 4. TSAKLAKIDIS, CHRISTOS, 5. GLEITZ, JOHANNES, 6. BARNES, CHRISTOPHER.
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(57) Abstract :

Novel compounds of formula (I), wherein R, R¹ and R² have the meanings given in patent claim 1, are inhibitors of the coagulation factor Xa and can be used for the prevention and/or therapy of thromboembolic diseases.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/01573 A (22) Date of filing of : 24/12/2002 application
- (54) Title of the Invention : "BASE STATION APPARATUS, RADIO COMMUNICATION METHOD AND PACKET TRANSMISSION METHOD."

<p>(51) International classification : H04B 7/26, H04L 1/18</p> <p>(30) Priority Data :</p> <p>(31) Document No. 2001-155413</p> <p>(32) Date : 24/05/2001</p> <p>(33) Name of convention country : JP</p> <p>(66) Filed U/s 5(2) :NIL</p> <p>(61) Patent of addition to application No. NA</p> <p>(62) Filed on :NA</p> <p>(63) Divisional to Application No. :NIL</p> <p>(64) Filed on :NA</p>	<p>(71) Name of the Applicant : MATSUSHITA ELECTRIC INDUSTRIAL CO. LTD., OF 1006, OAZA KADOMA, KADOMA-SHI, OSAKA 571-8501, JAPAN.</p> <p>(72) Name of the Inventors :</p> <ol style="list-style-type: none"> 1. SUMASU ATSUSHI, 2. MIYOSHI KENICHI, 3. HAYASHI MASAKI, 4. SUZUKI HIDETOSHI.
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(57) Abstract : Control section 115 calculates the timing of virtual timeout based on timeout information, and outputs to layer 2 downlink processing section 111 an MCS control signal which is a control signal to show updated modulation technique when the timing of virtual timeout is pressed. When the MCS control signal from control section 115 is inputted into layer 2 downlink processing section 111, the m-ary modulation is reduced and the data accumulated in memory is modulated. Layer 1 transmission section 112 transmits the signal outputted from layer 2 downlink processing section 111 as a radio signal via antenna after being subjected to a radio processing. Accordingly, even if radio terminal apparatus radio transmits an ACK signal, it is possible to prevent the time-out before the reception of ACK signal by transmission side terminal apparatus, hence, it is possible to prevent the deterioration of throughput due to reducing the size of the next data transmission.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/01574 A (22) Date of filing of : 24/12/2002
application
(54) Title of the Invention : "RADIO BASE STATION APPARATUS AND
COMMUNICATION TERMINAL APPARATUS."

(51) International classification : H04Q 7/36, H04J 11/00 (30) Priority Data : (31) Document No. 2001-146576 (32) Date : 16/05/2001 (33) Name of convention country : JP (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA	(71) Name of the Applicant : MATSUSHITA ELECTRIC INDUSTRIAL CO. LTD., OF 1006, OAZA KADOMA, KADOMA-SHI, OSAKA 571-8501, JAPAN. (72) Name of the Inventors : 1. HIRAMATSU KATSUHIKO, 2. MIYOSHI KENICHI, 3. SUMASU ATSUSHI,
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(57) Abstract : MS receives a downlink signal transmitted based on a guard interval determined using a delay profile with high accuracy generated based on a CDMA uplink signal, and performs Fourier Transform processing on a preamble portion of the downlink signal to demodulate. Transmission parameters (guard interval, sub carrier frequency interval and the number of sub carriers) contained in the preamble portion are extracted and output to Fourier Transform section 303. The section 303 performs Fourier Transform processing on a data portion based on the extracted transmission parameters. Demodulation section 304 demodulates signals subjected to the Fourier Transform processing to output as received data. It is thereby possible to generate the delay profile with high accuracy to determine the guard interval, and to ensure transmission quality while improving the spectral efficiency.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/01575 A (22) Date of filing of : 24/12/2002 application
(54) Title of the Invention : "TWO-PART AQUEOUS METAL PROTECTION TREATMENT."

(51) International classification : C09D 5/08 (30) Priority Data : (31) Document No. 09/627,312 (32) Date : 27/07/2000 (33) Name of convention country : U.S.A (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA	(71) Name of the Applicant : LORD CORPORATION, OF 111 LORD DRIVE, PO BOX 8012, CARY, NC 27512-8012 U.S.A. (72) Name of the Inventors : KUCERA, HELMUT, W.,
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(57) Abstract :

A two-part metal protection composition includes: an aqueous metal treatment conversion coating component that includes an admixture of an acid and a coating forming component; and an aqueous protective coating component that is applied over metal treated with the aqueous metal treatment conversion coating component and includes an admixture of a blister suppressing agent and an organic film forming protective component. The aqueous metal treatment conversion coating component may contain an accelerator, such as hydroxylamine. In a preferred embodiment, the blister suppressing agent is an organic oxidizing agent that includes one or more of nitroguanidine; aromatic nitrosulfonates, Naphthol Yellow S; and picric acid (trinitrophenol). A method for treating a metallic surface includes: (a) applying an aqueous metal treatment conversion coating component described above, and (b) applying an aqueous protective coating component, described above, to the surface that has at least been partially treated with the aqueous metal treatment conversion coating component. A method for bonding an elastomeric substrate surface to a metallic substrate surface includes: (n) applying an aqueous metal treatment conversion coating component, described above, to the surface; (h) applying an aqueous coating or primer composition, described above, to the surface that has at least been partially treated with the aqueous metal treatment conversion coating component; and (c) applying an adhesive overcoat to effect bonding of the metallic substrate to the elastomeric substrate.

Publication After 18 months.

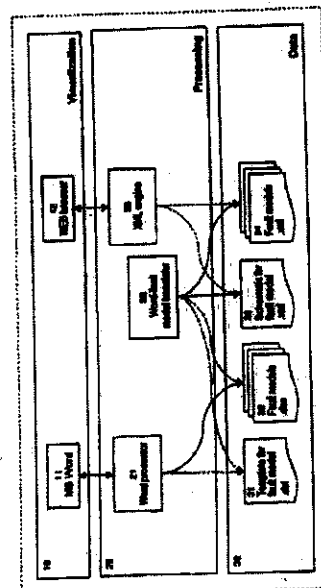
The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/01576 A (22) Date of filing of : 24/12/2002 application
- (54) Title of the Invention : "SYSTEM AND METHOD FOR GENERATING AN XML-BASED FAULT MODEL."

<p>(51) International classification : G06F 17/22, 17/24</p> <p>(30) Priority Data :</p> <p>(31) Document No.</p> <p>(32) Date :</p> <p>(33) Name of convention country :</p> <p>(66) Filed U/s 5(2) :NIL</p> <p>(61) Patent of addition to application No. NA</p> <p>(62) Filed on :NA</p> <p>(63) Divisional to Application No. :NIL</p> <p>(64) Filed on :NA</p>	<p>(71) Name of the Applicant : ABB RESEARCH LTD., OF AFFOLTERNSTRASSE 44 CH-8050 ZURICH, SWITZERLAND.</p> <p>(72) Name of the Inventors : 1. VOLLMAR, GERHARD, 2. HU, ZAIJUN, 3. KALLELA JARI, 4. GREULICH, MANUEL.</p>
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(57) Abstract :

The invention relates to a method and a system (1) for generating an XML-based fault model for fault case analysis, in particular for the analysis of fault causes in the case of fault events in industrial production plants. The system (1) contains a data entry device (11), which is connected to a word processor (21) belonging to a data processing device (20), which has access to a template memory (31) and which is connected to a first fault model memory (32), by which means the data entry device (11) is set up for the entry of data for compiling a fault model as a Word document and for storing this Word document in the first fault model memory (32). The system (1) additionally contains a translator (22) contained in the data processing device (20), which has access to the first fault model memory (32), and is connected to a schematic memory (33) for storing XML types, which are produced by transferring a template stored in the template memory (31) into XML types. Also present is a second fault model memory (34) for storing XML instances, which are produced by translating the Word document stored in the first fault model memory (32). The data processing device (20) can contain an XML engine (23), which has access to the schematic memory (33) and the second fault model memory (34) and which is set up to display an XML-based fault model stored in the second fault model memory (34) in a display device (12) by means of a web browser.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. IN/PCT/2002/01577 A

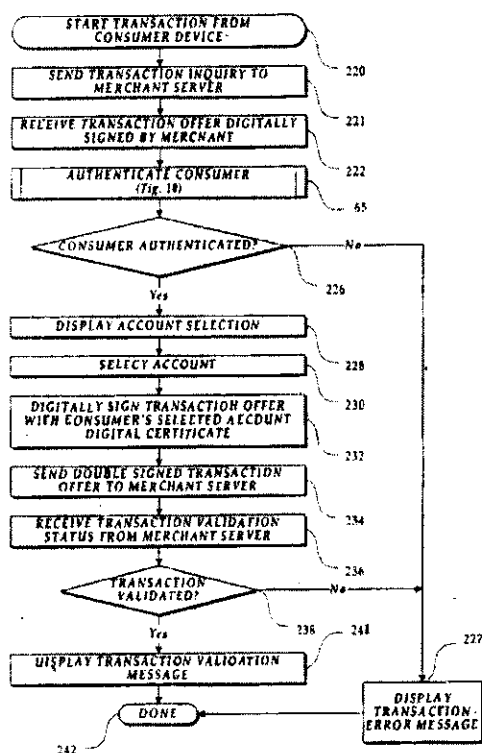
(22) Date of filing of : 24/12/2002

application

(54) Title of the Invention : "SECURE TRANSACTION PROTOCOL."

<p>(51) International classification : G06F 1/00</p> <p>(30) Priority Data :</p> <p>(31) Document No. 60/206,960</p> <p>(32) Date : 25/05/2000</p> <p>(33) Name of convention country : U.S.A.</p> <p>(66) Filed U/s 5(2) : NIL</p> <p>(61) Patent of addition to application No. NA</p> <p>(62) Filed on : NA</p> <p>(63) Divisional to Application No. : NIL</p> <p>(64) Filed on : NA</p>	<p>(71) Name of the Applicant : ECHARGE CORPORATION, OF SUITE 1000, 500 UNION STREET, SEATTLE, WA 98101, U.S.A.</p> <p>(72) Name of the Inventors :</p> <p>1. VILJOEN ANDRE,</p> <p>2. HUTCHISON ROBIN,</p> <p>3. LLEWELLYN ROBERT.</p>
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(57) Abstract :



A system for engaging in secure transactions over an internetwork, involving a consumer, a merchant and a Transaction Authority as parties to a transaction. To initiate the transaction the consumer makes an inquiry with the merchant who then returns a signed offer. The consumer then accepts the offer by also signing the offer. The doubly signed offer is then forwarded to the Transaction Authority. The Transaction Authority validates the transaction by checking both the authority and identity of the merchant and the consumer. The Transaction Authority then signs the offer to create a triply signed offer. The Transaction Authority returns the triply signed offer to the merchant. Once the merchant has a validated offer they are then able to request settlement of the transaction from the Transaction Authority, either immediately, or at some future date by sending a settlement request to the Transaction Authority.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. IN/PCT/2002/01579 A

(22) Date of filing of : 24/12/2002
application

(54) Title of the Invention : "SYSTEM FOR DETERMINING FAULT CAUSES."

<p>(51) International classification : G06F 11/25 (30) Priority Data : (31) Document No. (32) Date : (33) Name of convention country : (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA</p>	<p>(71) Name of the Applicant : ABB RESEARCH LTD., OF AFFOLTERNSTR. 44 CH-8050 ZURICH, SWITZERLAND. (72) Name of the Inventors : 1. GREULICH, MANUEL, 2. VOLLMAR, GERHARD.</p>
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(57) Abstract : The invention relates to a system for determining fault causes, including automated determination of hypotheses in the context of a fault cause analysis and for the automated performance of their verification, the system having a data processing device (20), which is connected to means for data input and visualization (10) and to a data memory (30). The data processing device (20) contains a processing unit for fault cause analysis (21), a first comparator (22), a second comparator (23) and a hypothesis selector (24). The data memory (30) contains a general fault model (33), a fault event list (32), an empirical database (34) and a storage area to store a log of the current fault cause analysis (31). The data processing device (20) of set up, following the selection of a fault event from the displayed fault event list (32) by a user, to display to the latter hypotheses suggested by the system, following the selection of hypotheses to be verified, to carry out their verification and, as the result, to log and display fault causes determined.

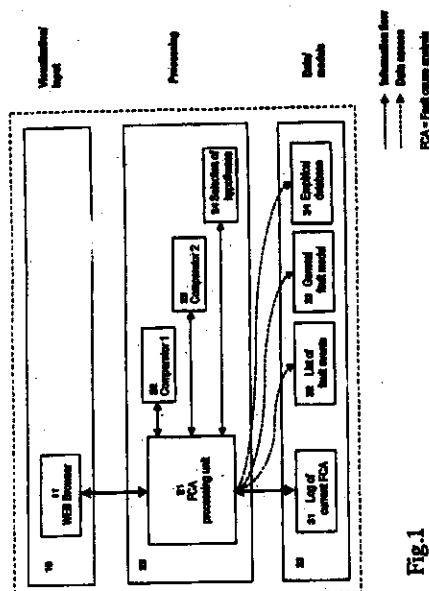


Fig.1

Publication After 18 months.

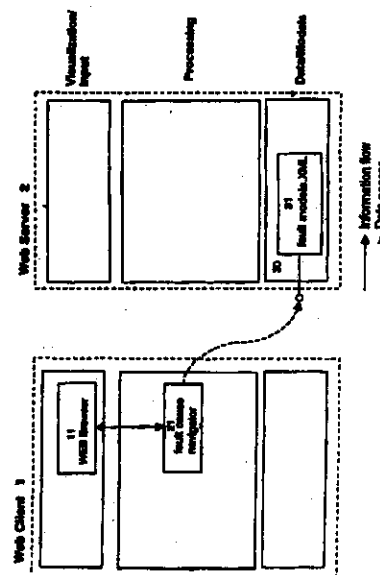
The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/01579-A A (22) Date of filing of : 24/12/2002 application
 (54) Title of the Invention : "SYSTEM FOR SUPPORTING A FAULT CAUSE ANALYSIS."

(51) International classification : G05B 23/02 (30) Priority Data : (31) Document No. (32) Date : (33) Name of convention country : (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA	(71) Name of the Applicant : ABB RESEARCH LTD., OF AFFOLTERNSTR. 44 CH-8050 ZURICH, SWITZERLAND. (72) Name of the Inventors : 1. VOLLMAR, GERHARD, 2. HU, ZAIJUN, 3. KALLELA, JARI, 4. GREULICH, MANUEL.
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(57) Abstract :

The invention relates to a system for supporting a fault cause analysis in the case of a fault event in an industrial plant. In this system there is a data processing device (30) with a fault model memory (31). Stored in the fault model memory (31) is at least one hierarchically structured cause/effect model (fault model) implemented in the form of XML files to which there is possible access by means of a fault cause navigator (21) and an operating and display device (11). Each stored cause/effect model contains an industry-specific process model divided up into process steps, with respective process steps and defined fault events needed for this purpose and assigned to plant components or plant systems, and fault trees assigned to fault events and having fault hypotheses, in each case a check list with symptoms for verification of the fault hypothesis being assigned to the fault hypotheses. The system is set up to make it possible for a user to navigate to the relevant process step in the process model in a first search step (100) by means of the operating and display device (11) and the fault cause navigator (21), and to present a fault event list to the user. Following selection of a fault event by the user, in a second search step (200), the system finds critical plant components or plant systems corresponding to this event and displays these. Following selection of at least one of the critical components or systems, possible symptoms are generated in a third search step (300) and displayed in a check list. Following selection of at least one symptom as a probable symptom, in a fourth step (400), hypotheses of possible fault causes, contained in the fault trees, are found and displayed.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/01580 A (22) Date of filing of : 26/12/2002
application
(54) Title of the Invention : "GELS FORMED BY THE INTERACTION OF
POLYVINYLPYRROLIDONE WITH CHITOSAN DERIVATIVES."

(51) International classification : A61K 914 (30) Priority Data : (31) Document No. 09/610,398 (32) Date : 05/07/2000 (33) Name of convention country : U.S.A. (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA	(71) Name of the Applicant : HYDROMER, INC., OF 35 INDUSTRIAL PARKWAY, BRANCHBURG, NJ 08876, U.S.A. (72) Name of the Inventors : 1. LORENZ DONALD H., 2. LEE CONNIE C.
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(57) Abstract : A dermatologically-compatible composition comprising a hydrophilic gel which comprises a blend of a chitosan and a hydrophilic poly (N-vinyl lactam) having a K value of less than 60.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. IN/PCT/2002/01581 A

(22) Date of filing of : 26/12/2002
application

(54) Title of the Invention : "CARBOXAMIDE COMPOUNDS AND THEIR USE AS ANTAGONISTS OF HUMAN 11CBY RECEPTOR."

(51) International classification : C07D
295/08

(30) Priority Data :

(31) Document No. 0018758.3 & 0112544.2

(32) Date : 31/07/2000 & 23/05/2001

(33) Name of convention country : GB

(66) Filed U/s 5(2) :NIL

(61) Patent of addition to application No. NA

(62) Filed on :NA

(63) Divisional to Application No. :NIL

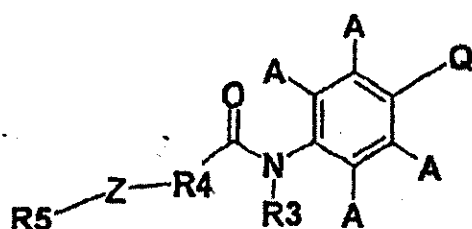
(64) Filed on :NA

(71) Name of the Applicant : SMITHKLINE
BEECHAM P.LC., OF 980GREAT WEST
ROAD, BRENTFORD, MIDDLESEX TW8
9GS UNITED KINGDOM.

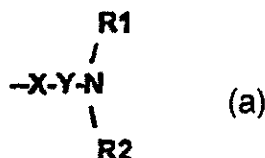
(72) Name of the Inventors :

1. JOHNSON CHRISTOPHER NORBERT,
2. JONES MARTIN,
3. O'TOOLE CATHERINE ANNE,
4. STEMP GEOFFREY,
5. THEWLIS KEVIN MICHAEL,
6. WITTY DAVID.

(57) Abstract :



(I)



(a)

Compounds of formula (I) in which: each A is independently hydrogen, C₁₋₄alkyl optionally substituted by hydroxyl, C₁₋₄alkoxy, C₁₋₄alkenyl or C₁₋₄acyl group or a halogen atom or hydroxyl, CN or CF₃ group; R₃ is hydrogen, methyl or ethyl; R₄ is an optionally substituted aromatic carbocyclic or heterocyclic ring; Z is an O or S atom, or an NH or CH₂ group, or a single bond, at the 3 or 4 position of R₄ relative to the carbonyl group; R₅ is an optionally substituted aromatic carbocyclic or heterocyclic ring, or an optionally substituted, saturated or unsaturated, carbocyclic or heterocyclic ring; and Q is (a) Where X, Y, R₁ and R₂ are as defined in claim 1; are antagonists of a human 11CBY receptor.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/01582 A (22) Date of filing of : 26/12/2002
application
(54) Title of the Invention : "MEDICAMENT-LOADED TRANSDERMAL RESERVOIR
AND METHOD FOR ITS FORMATION."

(51) International classification : A61N (30) Priority Data : (31) Document No. 09/584,453 (32) Date : 31/05/2000 (33) Name of convention country : U.S.A. (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA	(71) Name of the Applicant : BECTON DICKINSON AND COMPANY OF 1 BECTON DRIVE, FRANKLIN LAKES, NJ 07417, U.S.A. (72) Name of the Inventors : 1. BERNHARD, MICHAEL, 2. EWALL, RALPH, 3. KARL, CURTIS, 4. KEUSCH, PRESTON, 5. KUPPERBLATT, GARY, 6. O'GRADY, DANIEL.
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(57) Abstract : A transdermal reservoir and a method of the present invention for loading a material into a reservoir includes providing a reservoir including a backing with an interior surface comprising a bibulous reservoir having a patient contact surface with a shape disposed on the interior surface of the backing. The method includes providing a closure sized and shaped to engage the backing for forming a releasable seal to isolate the bibulous reservoir from the ambient environment, the closure is removable from the housing to expose the patient contact surface for use. The provided closure has an inside surface with a section of an absorbent material disposed thereon. The provided section has a first surface so that when the closure is disposed on the backing, the absorbent material first surface is positioned in intimate physical contact with the reservoir. The method includes applying an aliquot of a material to the absorbent material. The method further includes placing the closure on the backing so that the first surface of said absorbent material is in intimate physical contact with the contact surface of the bibulous reservoir and the closure forms the releasable seal with the backing. The method includes allowing the reservoir-with the closure applied thereto to stand for a sufficient time to allow the aliquot of the material to be absorbed into the bibulous material thereby loading the reservoir.

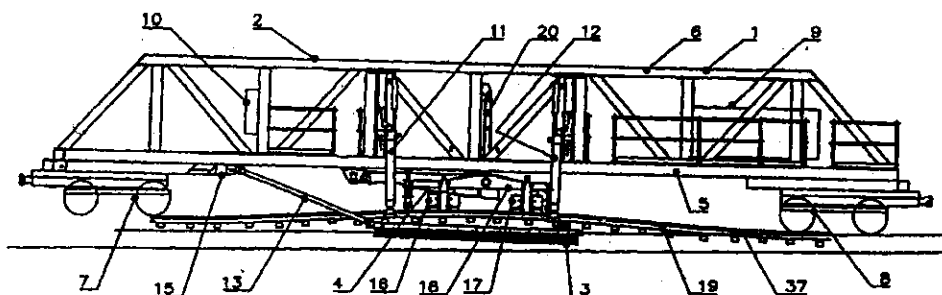
Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/01583 A (22) Date of filing of : 26/12/2002 application
(54) Title of the Invention : "TRACK SLEDDING MACHINE."

(51) International classification : E01B 27/04	(71) Name of the Applicant :
(30) Priority Data :	QUEENSLAND RAIL, AUSTRALIA, OF
(31) Document No. PQ 8142	305 EDWARD STREET, BRISBANE, QLD
(32) Date : 14/06/2000	4000, AN AUSTRALIAN COMPANY.
(33) Name of convention country : AU	(72) Name of the Inventors :
(66) Filed U/s 5(2) :NIL	ALLEN, JOHN, PHILLIP.
(61) Patent of addition to application No. NA	
(62) Filed on :NA	
(63) Divisional to Application No. :NIL	
(64) Filed on :NA	

(57) Abstract :



The invention relates to a machine for use in track sledding operations. Machine (1) comprises a wagon (2) having adjustably carried therebeneath a multibladed plough (3). A rail clamp assembly (4) is included for suspending the track above the plough during the sledding operations.

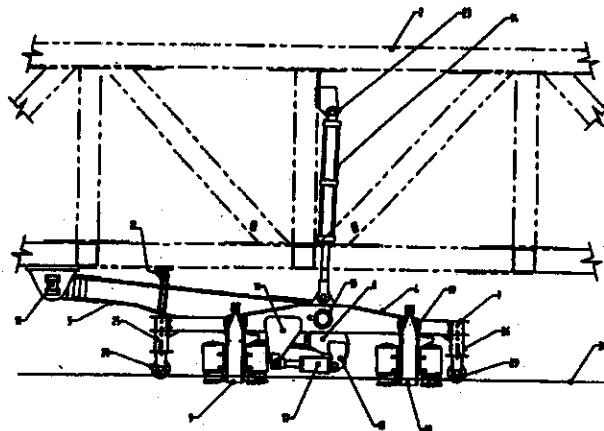
Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/01584 A (22) Date of filing of : 26/12/2002 application
- (54) Title of the Invention : "ROLLER RAIL CLAMP."

<p>(51) International classification : E01B 29/04, B66C 1/64</p> <p>(30) Priority Data :</p> <p>(31) Document No. PQ 8143</p> <p>(32) Date : 14/06/2000</p> <p>(33) Name of convention country : AU</p> <p>(66) Filed U/s 5(2) :NIL</p> <p>(61) Patent of addition to application No. NA</p> <p>(62) Filed on :NA</p> <p>(63) Divisional to Application No. :NIL</p> <p>(64) Filed on :NA</p>	<p>(71) Name of the Applicant : QUEENSLAND RAIL, AUSTRALIA, OF 305 EDWARD STREET, BRISBANE, QLD 4000, AN AUSTRALIAN COMPANY.</p> <p>(72) Name of the Inventors : ALLEN, JOHN, PHILLIP.</p>
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(57) Abstract :



The invention provides roller rail clamp apparatus for use in lifting a rail for operations such as replacement of ballast or resurfacing of a railway. The apparatus (1) comprises parallel pairs of spaced-apart lift roller assemblies (7-10) mounted to a support for positioning a pair for clamping to a rail of the track, each the lift roller assembly comprising at least one pair of rollers (33, 35), wherein each the roller of a roller pair rotates on an axis in an essentially vertical plane adjacent a rail and the rollers are on opposite sides of a rail when a lift roller assembly is clamped thereto with the head (42) of the rail releasably retained upwardly of flanges (48, 51) at the lower ends of the rollers; means (5) for adjustably connecting the apparatus to a carrier thereof; a lift mechanism (14) for adjusting the vertical position of the support relative to the carrier of the apparatus; and a tilt mechanism (17) for applying torque about a horizontal axis to linkage between members of a pair of lift roller assemblies.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. IN/PCT/2002/01585 A

(22) Date of filing of : 26/12/2002
application

(54) Title of the Invention : "THERMAL TREATMENT METHODS AND APPARATUS WITH FOCUSED ENERGY APPLICATION."

(51) International classification : A61B 8/12

(30) Priority Data :

(31) Document No. 60/218,641

(32) Date : 13/07/2000

(33) Name of convention country : U.S.A.

(66) Filed U/s 5(2) : NIL

(61) Patent of addition to application No. NA

(62) Filed on : NA

(63) Divisional to Application No. : NIL

(64) Filed on : NA

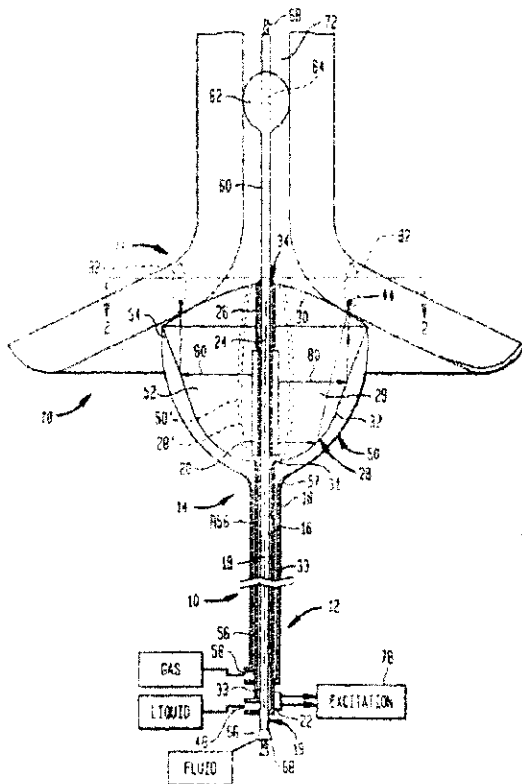
(71) Name of the Applicant :

TRANSURGICAL, INC., OF 220 BALLE
MEADE ROAD, SUITE NO. 2 SETAUKET,
NY 11733, U.S.A.

(72) Name of the Inventors :

1. FJELD, TODD,
2. HARHEN, EDWARD, PAUL,
3. ACKER, DAVID E.,
4. LOPATH, PATRICK, DAVID.

(57) Abstract :



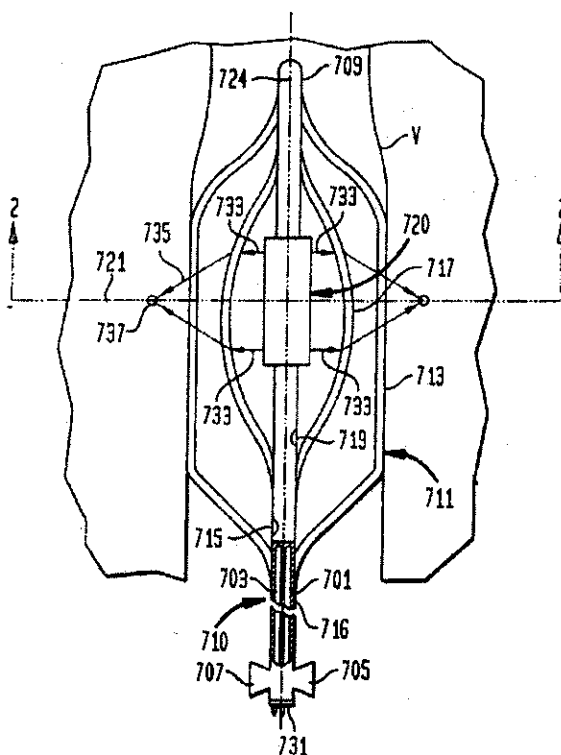
A collapsible ultrasonic reflector incorporates a gas-filled reflector balloon (50), a liquid-filled structural balloon (28) and an ultrasonic transducer (20) disposed within the structural balloon. Acoustic energy emitted by the transducer is reflected by a highly reflective interface between the balloons. In a cardiac ablation procedure, the ultrasonic energy is focused into an annular focal regions (44) to ablate cardiac tissue extending in an annular path along the wall. Devices for stabilizing the balloon structure and for facilitating collapse and withdrawal of the balloon structure are also disclosed.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/01586 A (22) Date of filing of : 26/12/2002
application
(54) Title of the Invention : "ENERGY APPLICATION WITH INFLATABLE ANNULAR LENS."

<p>(51) International classification : A61B 17/22 (30) Priority Data : (31) Document No. 60/218,641 (32) Date : 13/07/2000 (33) Name of convention country : U.S.A. (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA</p>	<p>(71) Name of the Applicant : TRANSURGICAL, INC., OF 220 BALLE MEADE ROAD, SUITE NO. 2 SETAUKET, NY 11733, U.S.A. (72) Name of the Inventors : 1. HARHEN, EDWARD, PAUL, 2. FJELD, TODD, 3. LOPATH, PATRICK, DAVID, 4. ACKER, DAVID E.,</p>
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(57) Abstract :

Apparatus and methods for ablating tissue surrounding a tubular anatomical structure such as the wall of a blood vessel or prostatic tissue surrounding the urethra. The apparatus includes an ultrasonic emitter (720) such as a cylindrical emitter and an inflatable annular lens balloon (717) surrounding the ultrasonic emitter. The lens balloon is inflated with a liquid having acoustic velocity different than that of the surrounding medium, so as to form an annular refracting surface. The acoustic energy from the emitter is focused into an annular focal region (737).

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/01588 A (22) Date of filing of : 27/12/2002 application
- (54) Title of the Invention : "JOINING COMPOUND OR PLASTER FOR CONSTRUCTION ELEMENTS, ITS METHOD OF PREPARATION AND METHOD OF PRODUCING A WORK."

(51) International classification : C04B 26/02, 24/26, 24/42 (30) Priority Data : (31) Document No. 00/09393 (32) Date : 18/07/2000 (33) Name of convention country : FRANCE (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA	(71) Name of the Applicant : LAFARGE PLATRES, OF 500 RUE MARCEL DEMONQUE ZONE DU POLE TECHNOLOGIQUE, AGRO PARC, F-84915 AVIGNON, FRANCE. (72) Name of the Inventors : 1. BONETTO CHRISTIAN, 2. BOURNE-CHASTEL PASCAL, 3. PETIT ALAIN.
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- (57) Abstract : The invention relates to a jointing compound or plaster for construction elements, particularly paper-faced plasterboards.

This plaster comprises, in percentages by weight with respect to the total weight of plaster:

- 50 to 85% of a mineral filler;
- 1 to 20% of an organic binder dispersible in an aqueous phase;
- 1 to 15% of a silicate-based agent other than the mineral filler;
- 0.2 to 5% of a hydrophobic agent which is a silicone derivative;
- 0.05 to 5% of polyvinyl alcohol, and
- water to make up to 100%

The subject of the invention is also a method of producing a work such as a partition, a wall covering or a ceiling.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/01589 A (22) Date of filing of : 27/12/2002
application
(54) Title of the Invention : "SYSTEM AND PROCESS FOR ADDRESSING A CENTRAL PROCESSING UNIT OF A MULTI-DEVICE APPLIANCE AND CORRESPONDING APPLIANCE."

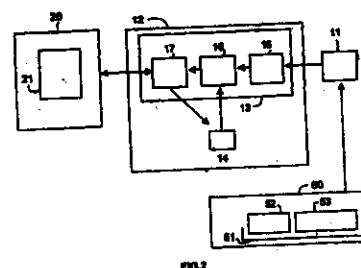
<p>(51) International classification : H04B 1/20, (30) Priority Data : (31) Document No. 00/09256 (32) Date : 13/07/2000 (33) Name of convention country : FRANCE (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA</p>	<p>(71) Name of the Applicant : THOMSON LICENSING S.A., OF 46, QUAI ALPHONSE LE GALLO, F-92100 BOULOGNE-BILLANCOURT, FRANCE. (72) Name of the Inventors : 1. STEYER, JEAN-MARIE, 2. GRAEF, LUCIEN.</p>
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(57) Abstract

The present invention relates to a system and a process for addressing a central processing unit (20) of a multi-device appliance, as well as to a corresponding appliance.

The addressing system comprises a processing module (13), which receives control information and transmits it selectively to the central processing unit, and a dynamic filtering memory (14) containing at least one set of transmission indicators for the control signals. The processing module selects the control information to be transmitted as a function of the transmission indicators of the current set of the memory. Each set is associated with at least one operating state of the central processing unit and the indicators correspond to some of the control information, the so-called transmission information.

The addressing system also comprises a dynamic filtering module (21), designed to identify the transmission information accepted and/or rejected by the central processing unit and to dynamically modify accordingly in the memory the transmission indicators.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. IN/PCT/2002/01590 A

(22) Date of filing of : 27/12/2002
application

(54) Title of the Invention : "SOLVATING COMPONENT AND SOLVENT SYSTEM FOR MESOPHASE PITCH."

<p>(51) International classification : C10C 3/00, 3/08, C10G 9/00, C08L 95/00, D01F 9/145</p> <p>(30) Priority Data :</p> <p>(31) Document No. 60/211,439</p> <p>(32) Date : 13/06/2000</p> <p>(33) Name of convention country : U.S.A.</p> <p>(66) Filed U/s 5(2) :NIL</p> <p>(61) Patent of addition to application No. NA</p> <p>(62) Filed on :NA</p> <p>(63) Divisional to Application No. :NIL</p> <p>(64) Filed on :NA</p>	<p>(71) Name of the Applicant : CONOCO, INC., OF 1000 SOUTH PINE, PONCA CITY, OK 74602 U.S.A.</p> <p>(72) Name of the Inventors :</p> <p>1. ROMINE, H. ERNEST,</p> <p>2. RODGERS, JOHN, A.,</p> <p>3. SOUTHHARD, W. MARK,</p> <p>4. NANNI, EDWARD, J.</p>
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(57) Abstract :

US0118523ng component for a solvated mesophase pitch. The solvated component includes a mixture of aromatic hydrocarbons having boiling points in the atmospheric equivalent boiling point range of about 285° to about 460 °C (about 550 °F to 932 °F). At least 80 % of the carbon atoms of the hydrocarbons are aromatic as characterized by carbon 13 NMR. The aromatic hydrocarbons are selected from a group consisting of aromatic compounds having 2 to 5 aromatic rings, substituted aromatic compounds having 2 to 5 aromatic rings wherein said substituents are alkyl groups having 1 to 3 carbons, hydroaromatic compounds having 2 to 5 rings, substituted aromatic compound having 2 to 5 rings wherein said substituents are alkyl groups having 1 to 3 carbons, and mixtures thereof.

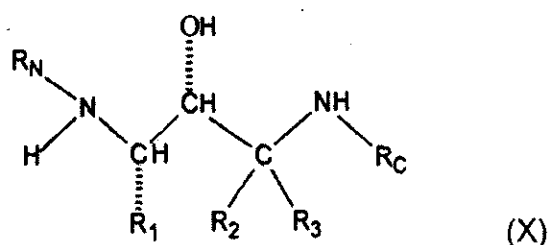
Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

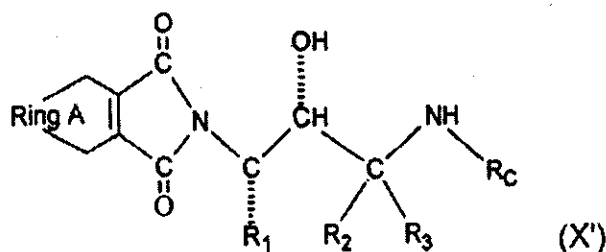
- (21) Application No. IN/PCT/2002/01591 A (22) Date of filing of : 28/12/2002 application
(54) Title of the Invention : "COMPOUNDS TO TREAT ALZHEIMER'S DISEASE."

<p>(51) International classification : C07C 233/78, C07D 307/52 (30) Priority Data : (31) Document No. 60/215323, 60.252736 (32) Date : 30/06/2000 & 22/11/2000 (33) Name of convention country : U.S.A. (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA</p>	<p>(71) Name of the Applicant : ELAN PHARMACEUTICALS, INC., 800 GATEWAY BOULEVARD SO. SAN FRANCISCO, CA 94080 U.S.A. & PHARMACIA & UPJOHN COMPANY, 301 HENRIETTA KALAMAZOO, MI 49007, U.S.A.. (72) Name of the Inventors : 1. MILLAIRD, MICHEL, 2. HOM, ROY 3. GAILUNAS, ANDRERA, 4. JAGODZINSKA, BARBARA, 5. FANG, LAWRENCE, Y, 6. JOHN, VARGHESE, 7. FRESKOS JOHN, N, 8. PULLEY, SHON, R, 9. BECK, JAMES, P, 10. TENBRINK, RUTH, E.</p>
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(57) Abstract :



The present invention is substituted amines of formula (X) and of formula (X') useful in treating Alzheimer's disease and other similar diseases.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. IN/PCT/2002/01592A (22) Date of filing of : 31/12/2002
application
(54) Title of the Invention : "METHOD AND APPARATUS FOR TREATING FLUIDS."

<p>(51) International classification : B02C 19/06, C02F 1/20, F15D 1/02 (30) Priority Data : (31) Document No. 60/216,444 (32) Date : 06/07/2000 (33) Name of convention country : U.S.A. (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA</p>	<p>(71) Name of the Applicant : LANCER PARTNERSHIP LTD., OF 6655 LANCER BOULEVARD, SAN ANTONIO TX- 78219 U.S.A. (72) Name of the Inventors : ROMANYSZYN, MICHAEL</p>
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- (57) Abstract : An apparatus (5) for treating fluids includes a frame (6) for supporting a pump (7) and a manifold (8) therein, using any suitable nozzle assembly disposed in the housing (9). The manifold (8) includes an inlet, a diverter, an elbow (14) and an elbow (15). The inlet couples to an outlet (11) of the pump (7). The housing (9) includes inlets, an outlet (23), and detents the vortex nozzle assembly includes an access port and methods for measuring physical properties as the fluid flows.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. IN/PCT/2002/01593 A

(22) Date of filing of : 31/12/2002
application

(54) Title of the Invention : "METHOD FOR DETERMINING THREE-DIMENSIONAL PROTEIN STRUCTURE FROM PRIMARY PROTEIN SEQUENCE."

(51) International classification : C12Q 1/68, G01N 31/00, G06F 17/00	(71) Name of the Applicant : CALIFORNIA INSTITUTE OF TECHNOLOGY, OF 1200 EAST CALIFORNIA BOULEVARD, M/C 210-85, PASADENA, CA 91225, U.S.A.
(30) Priority Data :	
(31) Document No. 60/218,016	
(32) Date : 12/07/2000	
(33) Name of convention country : U.S.A.	(72) Name of the Inventors :
(66) Filed U/s 5(2) :NIL	DEBE DEREK A
(61) Patent of addition to application No. NA	
(62) Filed on :NA	
(63) Divisional to Application No. :NIL	
(64) Filed on :NA	

(57) Abstract : A preferred embodiment of the invention is a method for determining a preferred sequence alignment between a query sequence and one or more template sequences comprising the steps of : (1) aligning at least two reference sequences to determine one or more BRIDGE/BULGE gaps; (2) determining an alignment score between each potential alignment of the query sequence and each template sequence based on whether or not given sequence alignment between the query sequence and each template sequence creates a BRIDGE/BULGE gap and (3) determining a preferred sequence alignment based on the alignment scores of the query sequence with each template sequence.

ALTERATION OF DATE UNDER SECTION—16

193201 (164/MAS/2001) ANTE-DATED TO 21-03-1995.

193375 (425/MAS/2000) ANTE-DATED TO 26-07-1994.

193377 (26/MAS/2000) ANTE-DATED TO 16-10-1996.

193390 (881/MAS/2000) ANTE-DATED TO 06-12-1994.

193400 (1634/MAS/1998) ANTE-DATED TO 17-02-2004.

193401 (882/MAS/2000) ANTE-DATED TO 06-12-1994.

193402 (1633/MAS/1998) ANTE-DATED TO 17-02-1994.

193414(506/MAS/1999) ANTE-DATED TO 09-02-1994.

अभिगृहित पूर्ण विनिर्देश

एतद्वारा सूचना दी जाती है कि आवेदनों में किसी पर पेटेंट अनुदान का विरोध करने वाले इच्छुक व्यक्ति राजपत्र के इस निर्गमन की तिथि से चार महीने के भीतर या उक्त चार महीने की समाप्ति के पूर्व, प्ररूप 4 में यदि आवेदित किया हुआ हो, तो परवर्ती एक महीने के भीतर, किसी समय, नियंत्रक, पेटेंट को ऐसे विरोध की सूचना प्ररूप 7 में उपयुक्त कार्यालय में दे सकते हैं। विरोध का लिखित कथन साक्ष्य के साथ, यदि कोई हो, दो प्रतियों में उक्त सूचना के साथ या अगले दो महीने की अवधि के भीतर दाखिल किया जाए। इस संदर्भ में, यथा संशोधित पेटेंट अधिनियम, 1970 की धारा 25 एवं पेटेंट नियम, 2003 के नियम 55 से 57 का अवलोकन किया जा सकता है।

उपयुक्त कार्यालय द्वारा विनिर्देश एवं चित्र आरेख, यदि हो, के छायाप्रति की आपूर्ति छायाप्रति शुल्क के रूप में प्रति पृष्ठ रु. 4/- की अदायगी पर की जा सकती है।

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of a Patent on any of the Applications, may, at any time within four months from the date of this issue of Gazette or within further period of one month if applied for in Form 4 before the expiry of the said period of four months, give notice to the Controller of Patents at the Appropriate Office on Form 7 of such opposition. The Written Statement of Opposition accompanied by evidence, if any, should be filed in duplicate alongwith the said notice or within further period of two months. Section 25 of The Patents Act, 1970 as amended and Rules 55 to 57 of The Patents Rules, 2003 may be referred to in this regard.

Photo copies of the specification and drawings, if any, can be supplied by the Appropriate Office on payment of photocopying charges @ Rs. 4/- per page.

Ind.Cl.: 32 E

193201

Int.Cl.⁷: C 08 F 220/56

"A LAMINATE HAVING A LAMINA AND AN INTERLAYER OF AN ACRYLATE BLEND FILM"

Applicant: NORTON PERFORMANCE PLASTICS CORPORATION
OF 150 DEY ROAD, WAYNE,
NEW JERSEY 07470
A US COMPANY
USA

Inventors: 1. MICHAEL FRIEDMAN
2. LOUIS LAUCIRICA

Application No 164/MAS/2001 filed on 23rd FEBRUARY 2001

Division to Patent Application No: 342/MAS/1995 Dated: 21st March 1995

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)
Patent Office, Chennai Branch.

29 Claims

A laminate comprising at least one lamina and at least one interlayer wherein the interlayer is comprised of a film formed from components (a) and (b):

wherein component (a) is from 95 percent to 5 percent by weight of a total weight of components (a) and (b) of an ethylene butyl acrylate copolymer (EBAC), wherein component (a) has a content of acrylate groups from 8 to 36 percent by weight of the total weight of the component (a); and

wherein component (b) is from 5 percent to 95 percent by weight of the total weight of components (a) and (b) of an ethylene methyl acrylate copolymer (EMAC), wherein component (b) has a content of acrylate groups from 8 to 42 percent by weight of the total weight of component (b).

Comp.Specn. 40 Pages; Drgs NIL Sheets.

Ind.Cl.: 35 E

193202

Int.Cl⁷: C 04 B - 35/468; C 04 B - 35/491

"A CERAMIC SUSPENSION AND A METHOD FOR PREPARING A
CERAMIC SUSPENSION"

Applicant: CABOT CORPORATION, OF 75 STATE STREET,
BOSTON, MASSACHUSETTS 02109-1806
A US CORPORATION
USA

Inventors: 1. JAMES H ADAIR
2. STEPHEN A COSTANTINO

Application No: 1068/MAS/1995 filed on 22/08/1995

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)
Patent Office, Chennai Branch.

23 Claims

A ceramic suspension, comprising:

a quantity of ceramic powder comprising at least one metal component, said powder uniformly suspended in an aqueous fluid ranging up to 30 percent, by volume, of total solids in said suspension and having an average particle size of less than 0.5 micrometer;

a quantity of passivating agent ranging from 0.5 percent to 5 percent by weight of said ceramic powder; and

a quantity of dispersing agent of equal to or greater than 1 percent, by weight, of said ceramic powder, said passivating agent and said dispersing agent being present in amounts such that said suspension has an apparent viscosity of less than 3×10^{-6} Mpa's (3000 cps).

Comp.Specn. 27 Pages; Drgs 14 Sheets.

Ind.Cl.: 32 F₃ b

193203

Int.Cl⁷: C 07 D 307/62; A 61 K 31/375

"MICROBIAL PRODUCTION OF L-ASORBICACID AND D-ERYTHORBIC ACID"

Applicant: ROCHE VITAMINS AG
OF 124 GRENZACHERSTRASSE,
CH-4070 BASLE,
A SWISS COMPANY
SWITZERLAND

Inventors: 1. AKIRA ASAKURA
2. TATSUO HOSHINO
3. MASAKO SHINJOH

Application No687/MAS/2001 filed on 20th Aug 2001

Convention No.00118059.5 on, 23rd Aug 2000 in EUROPE

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)
Patent Office, Chennai Branch.

9 Claims

A process for producing L-ascorbic acid or its sodium, potassium or calcium salt, comprising

- (a) incubating 2-keto-L-gulonic acid or its sodium, potassium or calcium salts and cells of a thermoacidophilic microorganism belonging to the genus Alicyclobacillus, wherein the incubation is carried out under aerobic conditions in the presence of nutrients at temperatures from 30°C to 100°C and at a pH from 1 to 6 in a solution to form L-ascorbic acid or an appropriate salt thereof; and
- (b) isolating said L-ascorbic acid or appropriate salt thereof from solution.

Reference to : US 6,022,719.

Comp.Specn. 38 Pages; Drgs NIL Sheets.

Ind. Cl. : 32 F₃ (b)

193204

Int.Cl⁷:C 07 C 57/04

" A PROCESS FOR THE PREPARATION OF A VINYL COMPOUND"

Applicant: IDEMITSU PETROCHEMICAL CO. LTD.,
OF 6 - 1, SHIBA 5 -CHOME, MINATO - KU,
TOKYO, JAPAN

Inventors: 1. KENJI OKAMOTO 4. KOUJI TOMITA
2. TAKASHI NAKAGAWA
3. HIIDEAKI MIMAKI

Application No:1121/MAS/1995 filed on 31st August 1995

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)
Patent Office, Chennai Branch.

09 Claims

A process for the preparation of a vinyl compound such as acrylic acid, methacrylic acid and the like in a distillation system wherein the improvement comprises in carrying out said distillation in the presence of at least one corrosion inhibitive substance selected from the group consisting of

- (a) an aliphatic alcohol or an aromatic alcohol selected from the group consisting of xlenol, benzyl alcohol and phenethyl alcohol,
- (b) an inorganic acid or a salt thereof,
- (c) an aromatic carboxylic acid or a salt thereof and
- (d) a zinc-containing salt to coexist with a metallic salt of dithiocarbamic acid for preventing polymerization of the vinyl compound with the metallic salt of dithiocarbamic acid during said distillation and thereafter recovering said vinyl compound therefrom in a known manner.

Comp.Specn. 24 Pages; Drgs 0 Sheets.

Ind.Cl.:40 A

193205

Int.Cl⁷:B01J 8/04

' A METHOD FOR UREA SYNTHESIS AT HIGH PRESSURE &
TEMPERATURE IN A REACTOR "

Applicant: UREA CASALE S.A,
A SWISS COMPANY
VIA SORENGO 7; CH-6900
LUGANO-BESSO
SWITZERLAND

Inventors: I. GIORGIO PAGANI

Application No 1065/MAS/1995 filed on 22nd AUGUST 1995

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)
Patent Office, Chennai Branch.

20. Claims

A method for urea synthesis at high pressure and temperature in a reactor comprising a vertical tubular shell (2) in which is supported a plurality of superimposed perforated plates (6a-6f) extending horizontally in said shell (2), comprising the step of allowing a gaseous phase and a liquid phase to flow in a co-current direction within said shell and through said plates, and characterized by further comprising the step of allowing the gaseous phase and the liquid phase to flow along respective preferential paths through holes (11) and apertures (13), respectively, which are defined by a plurality of structural independent caps (8) provided on at least one of said perforated plates (6a-6f), with said caps (8) having at the top a plurality of said holes (11) and being supported spaced relationship with said perforated plate (6a-6f), with which they form a plurality of said lateral apertures (13).

Comp.Speen. 21 Pages; Drgs 4 Sheets.

Ind.Cl.:86 B

193206

Int.Cl⁷:A47C 17/00; A47C 21/04

" AIR CONDITIONED COT"

Applicant: K. KRISHNAKUMAR
INDIAN
PRANAVAM, KOTTAPURAM,
TRIPUNITHURA P.O., ERNAKULAM, KERALA
INDIA

Inventors: I. K. KRISHNAKUMAR

Application No970/MAS/1995 filed on 31st JULY 1995

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)
Patent Office, Chennai Branch.

7. Claims

An air-conditioned cot comprising a cot (1), thermal insulation (11) under the bottom plank, a flexible and thermally insulating hood (6), that can be rolled up and down on support structure (2) and forms an enclosed space over the cot when rolled up, support structure (2) for the hood, a low capacity air-conditioner (8) fitted to the cot through flexible hoses (9), a safety door (3) which opens automatically when the air-conditioner stops and a magnetic or mechanical latch to fix the hood to the cot in an air tight manner.

Comp.Speccn. 7 Pages; Drgs 1 Sheets.

Ind.Cl.: 56 B

193207

Int.Cl⁷: C 10 G 69/02

**"A PROCESS FOR THE PRODUCTION OF LOW
SULFURCONTAINING GASOLINE OF HIGH OCTANE NUMBER"**

Applicant: MOBIL OIL CORPORATION
A CORPORATION ORGANIZED UNDER THE LAWS OF THE
STATE OF NEW YORK, UNITED STATES OF AMERICA, OF 3225
GALLOWS ROAD, FAIRFAX, VIRGINIA 22037, A US COMPANY
UNITED STATES OF AMERICA

Inventors: 1. TIMOTHY L. HILBERT
2. DOMINICK NICHOLAS MAZZONE
3. MICHAEL S. SARLI

Application No:1064/MAS/1995 filed on 22nd Aug 1995

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)
Patent Office, Chennai Branch.

10 Claims

A process for the production of low sulfur containing gasoline of high octane number by contacting the cracked, olefinic sulfur-containing feed fraction with a hydrodesulfurization catalyst in a first reaction zone, operating under a combination of elevated temperature, elevated pressure and an atmosphere comprising hydrogen, to produce an intermediate product comprising a normally liquid fraction which has a reduced sulfur content and a reduced octane number as compared to the feed; contacting at least the gasoline boiling range portion of the intermediate product in a second reaction zone with a catalyst comprising shaped particles of an acidic zeolite, to convert the gasoline boiling range of the intermediate product to a product comprising a fraction boiling in the gasoline boiling range having a higher octane number than the gasoline boiling range fraction of the intermediate product, characterized in that the second reaction zone catalyst comprises shaped particles of a self-bound or binder free acidic zeolite.

Comp.Specn. 28 Pages; Drgs 2 Sheets.

Ind.Cl.:133 A

193208

Int.Cl.⁷:F 24 F - 11/00; 11 02 P - 5/41**"AN APPARATUS FOR CONTROLLING MOTORS OF AN AIR CONDITIONER"**

Applicant: FUJITSU GENERAL LIMITED
a Japanese Company of 1116, Suenaga,
Takatsu-ku, Kawasaki-shi,
Kanagawa-ken, Japan

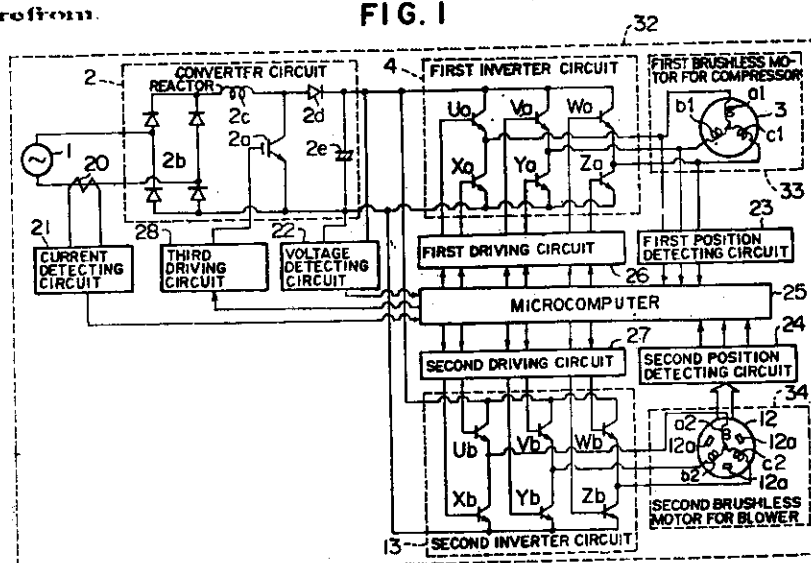
Inventors: 1. Koichi Toda
2. Yoshio Ogawa

Application No: 1123/MAS/1995 filed on 31st August 1995

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003), Patent Office,
Chennai Branch.

II Claims

An apparatus for controlling motors (3, 12, 30) of an air conditioner, the motors serving for driving a compressor (33) and a blower (34), the said apparatus comprising a converter (2) for converting an AC power (1) to a DC power, the converter having switching means (2a) provided therein, the converter being controlled by said switching means; a plurality of inverters (4, 13) for converting said converted DC power to AC powers and supplying to said motors; a microcomputer for controlling motors of at least the compressor and blower of said air conditioner, said plurality of inverters being connected in parallel to the DC output of said converter, said microcomputer comprises input ports into which the input alternating current of said AC power and the output DC voltage of said converter are inputted, at least first and second signal generating means for generating respective first and second control signals to control said respective inverters (4, 13), and a third signal generating means for generating third control signal to control said switching means of the converter means in accordance with at least the input alternating current of said AC power and the output DC voltage of said converter (2) in order to make the current applied by the AC power to the converter in phase with the voltage of the AC power, said third control signal of the third signal generating means being outputted to said switching means of the converter therefrom.

FIG. 1

Ind.Cl.:83A1 XIV (5)

193209

Int.Cl⁷:A21C 15/04, A21C 9/04, A23G 3/20, A23G 9/24, A23G 9/28**"A METHOD FOR MANUFACTURING INDIVIDUAL CONFECTIONERY BARS"**

Applicant: SOCIETE DES PRODUITS NESTLE S.A.
A Swiss Body Corporate of P.O. Box 353,
1800 Vevey,
Switzerland

Inventors: 1. LEFEBVRE Rene

Application No37/MAS/2001 filed on 10th Jan. 2001

Convention No.00200182.4 on, 18th January 2000 in Europe

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)
Patent Office, Chennai Branch.

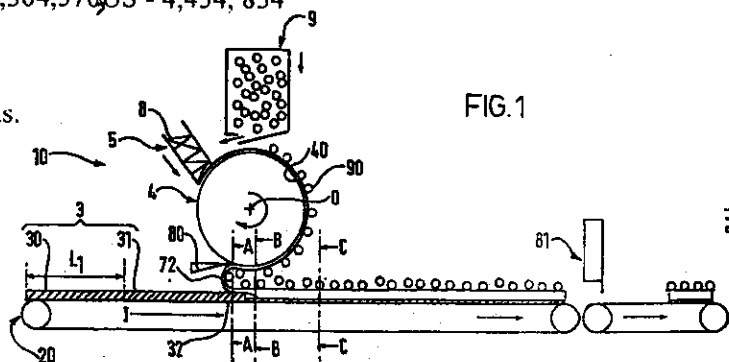
15 Claims

A method for manufacturing individual confectionery bars comprising a core in three dimensions and at least one layer of confectionery material based on boiled sugar at least partially coating the said core, characterized in that: at least one continuous band (7) of confectionery material based on boiled sugar is dimensioned in the hot state on a cooling roller (4); after sufficient cooling, the band is detached from the roller (4) and the band is deposited on a continuously passing base (3) intended to form the core of the bars; the depositing being performed by bringing the band (7) into contact substantially on depositing plane (P) adjacent to the most elevated surface/line of contact of the base; the band being brought, at the time of depositing, into a viscoplastic state which allows it to bend under its own weight so as to at least partially cover the sides (35, 36) of the said base situated under the said surface/line of contact, this deformation of the band (7) occurs by bending the free portions (73, 74) over the base of the core and without significant modifications of the initial dimensions of the band as defined during the application of the band to the said roller and portions of desired length are then cut.

Reference to : US - 4,518,617; EPO - 0,304,570; US - 4,454, 834

es; Drgs 3 sheets.

FIG.1



Comp.Specn. 28 Pages; Drgs 6 Sheets.

Int.Cl.:172 C 2 XXXVIII(4)

193210

Int.Cl⁷:D 01 G 19/10; D 01 G 19/22

Title: "A COMBER WITH A CIRCULAR COMB"

Applicant: MASCHINENF ABRIK RIETER AG
A SWISS COMPANY
OF KLOSTERTRASSE, 20 CH-8406,
WINTERTHUR
SWITZERLAND

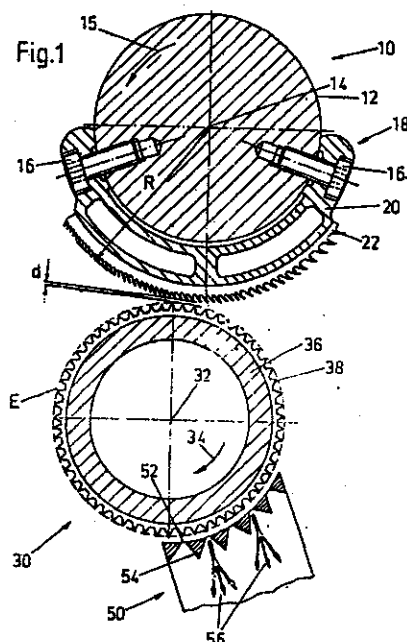
Inventors: 1. GNAGI PETER
2. GRAF RALPH

Application No:1656/MAS/1995 filed on 14th Dec. 1995

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules 2003),
Patent Office, Chennai Branch.

15 Claims

A comber with a circular comb (10; 100) rotating on a first axis (14) which has an extended circular cylinder covering comb segment (18, 20, 22; 109) running coaxially with the first axis (14) in the direction of rotation of a rotatable cleaning device (30; 123) running along a prescribed path for the removal of fibre impurities from the comb segment, characterized in that the smallest distance between the envelope (E; 127) of the volume segment that is passed through by the cleaning device (30; 123) and the first axis (14) is greater than the maximum radius (R) of the circular comb (10; 100).



Ind.Cl : 163 C 193211

Int.Cl⁷ : F 16 K 17/04

Title : PUMP PROTECTING ARMATURE WITH AN ARMATURE HOUSING.

Applicant : HOLTER REGELARMATUREN GMBH & CO. KG., HELLEFORTH -
STRASSE 58-60, D-33758, SCHLOB HOLTE-STUKENBROCK,
GERMANY.

Inventor : 1. MATTHIAS WANGEMANN 2. ANDREAS MULLER

Application no. 911/CAL/1998 FILED ON 20.5.1998
(CONVENTION No. 19724511.0 FILED ON 11.6.1997 IN GERMANY.)

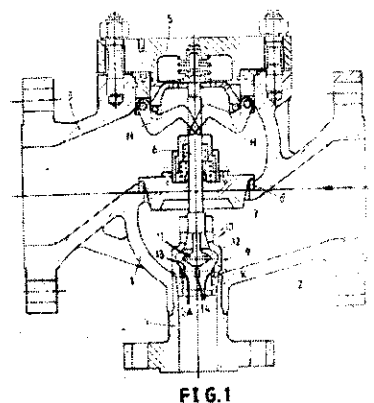
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

22. CLAIMS.

Pump protecting armature with an armature housing,
comprising :

a pump connecting socket arranged in a main direction of flow ; a feed water connecting socket lying opposite to said pump connecting socket ; a by-pass connecting socket arranged across the main direction of flow ; and a mounting plate cap lying opposite to the by-pass socket, between which mounting plate cap and by-pass socket a non-return valve head, preferably spring loaded, is supported by means of a valve spindle, in a manner capable of being displaced with respect to a valve seat lying opposite to the mounting plate cap, the arrangement being such that the non-return valve head is adapted to operate a single stage or multi-stage throttle valve, arranged co-axial to said non-return valve head in such relative position that in the event of the non-return valve head being in the closed state, said throttle valve is in its fully opened position, and there being provided a by-pass to the by-pass socket, from the pump connection side, to the valve spindle (6) having one or several throttle bodies (11), at its bottom or end side, a safety stop being associated and positioned in the by-pass socket, and said safety stop being dimensioned for retaining a loose or broken valve spindle.



Complete Specifications : 30 pages.

Drawings: 3 sheets

Ind.Cl : 154 E 193212

Int. Cl.⁷ : G03G 21/00

Title : A COMPACT SCANNING PRINTER HEAD

Applicant : CYCOLOR INC., 3385 NEWMARK DRIVE, MIAMISBURG, OHIO 45342, USA.

Inventor : 1. DOWLER JAMES ALAN 2. WHITAKER TYSON BAILEY
3. KING JULIUS DAVE, JR. 4. MURAYAMA FUMITAKA
5. TAKIZAWA SATORY 6. GOMI MASAAO
7. ITOH FUMIYOSHI.

Application no. 710/CAL/2001 FILED ON 24.12.2001

(CONVENTION NO. 08/418,431 FILED ON 06.4.1995 IN USA.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

13 CLAIMS.

A compact scanning printer head for printing an image onto an imaging media, wherein said compact scanning printer head comprising exposure means and pressure applicator means combined into a single unit, said exposure means comprising at least one exposure producing element which image-wise exposes said imaging media to provide a latent image on said imaging media, and said pressure applicator means comprising at least one point contact element for contacting the exposed imaging media to develop said latent image forming a visual image on said imaging media.

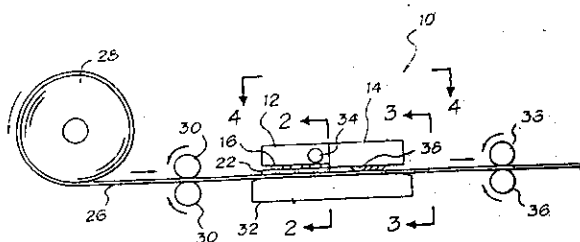


FIG.1

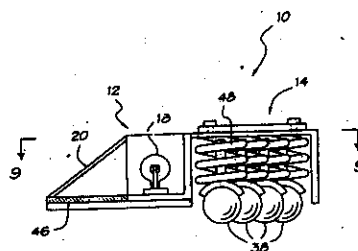


FIG.8

Complete Specifications : 21 pages.

Drawings: 3 sheets

Ind.Cl : 186B4, 186E, 146 193213

Int.Cl⁷ : H04N 1/415

Title : AN IMAGE CLASSIFICATION AND COMPRESSION SYSTEM AND METHOD THEREFOR.

Applicant : VXTREME, INC., 675, ALMANOR AVE., SUNNYVALE, CA 94086; USA.

Inventor : NAVIN CHADDHA.

Application no. 557/CAL/1997 FILED ON 27.3.1997
(CONVENTION NO. 08/625,650 FILED ON 29.3.1996 IN USA.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

34 CLAIMS.

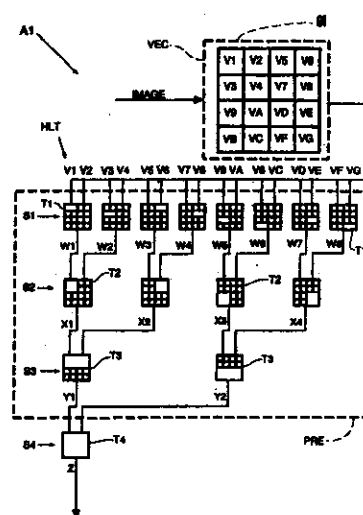
An image classification and compression system comprising:

conversion means (VEC) for converting an image into a series of vectors defined in a multidimensional space, said image having elements classifiable among a set of classes;

lookup table means for mapping said vectors many-to-one to indices, each of said indices identifying a respective one of said classes, said lookup table means being coupled to said conversion means for receiving said vectors and having:

at least a first stage lookup table designed using a codebook design procedure incorporating block transforms; and

a final stage lookup table designed using a tree structured codebook design procedure such that the vectors are mapped to the set of codes by successive utilization of the first stage lookup table and the final stage lookup table, wherein the final stage lookup table provides a pair of indices, one identifying image type, and the other for a codebook vector of a codebook having a weighted combination of classification optimized measures and compression optimized measures.



Complete Specifications : 47 pages.

Drawings: 4 sheets

143 D

193214

B65B 53/02

A MACHINE FOR PACKAGING PRODUCTS WITH FILM MADE OF HEAT SHRINKABLE MATERIAL.

MINIPACK-TORRE S.P.A., VIA PROVINCIALE, 54, 24044
DALMINE (BERGAMI, ITALY)

TORRE FRANCESCO

2220/CAL/1997 FILED ON 25.11.1997

PCT/EP96/000787 FILED ON 03.12.1996 IN ITALY.

OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

9 CLAIMS.

A machine for packaging products (11) with a film (12) made of heat shrinkable material, comprising a body (13, 113) and a cover (16, 116) defining a shrinkage chamber between the body (13, 113) to define a shrinkage chamber between the body (13, 113) and the cover (16, 116) accommodating a product (11) to be packaged wrapped in the film (12) and being provided with a supporting element (15, 115) for the film-wrapped product (11), said supporting element (15, 115) comprising a lower portion (14, 114) and an upper portion (17, 117) defining a shrinkage chamber, at least one air passage (23, 123) being provided between said upper and lower portions of the shrinkage chamber, the packaging machine additionally comprising a heating unit (22, 122) and a ventilating unit (26, 27, 126, 127) arranged in said shrinkage chamber to create hot air circulation (29, 30, 31) surrounding the product (11) to be packaged, with air paths (31) connecting the upper portion (17, 117) to the lower portion (14, 114) of the shrinkage chamber along said air passage (23, 123), characterized in that the ventilating unit (26, 27, 126, 127) is disposed in the upper portion (17, 117) of the shrinkage chamber and above the heating unit (22, 122) and that the heating unit is disposed between the ventilating unit (26, 27, 126, 127) and a front portion of the shrinkage chamber within a rear heating chamber (23, 123) defining said air passage, the rear heating chamber (23, 123) being defined by the housing of the product to be packaged by means of a

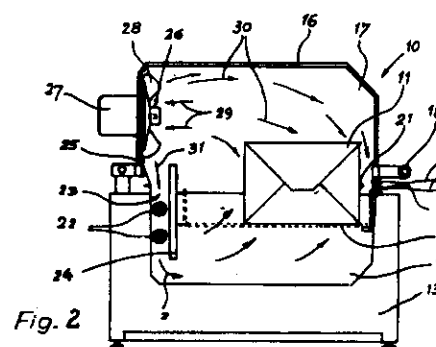


Fig. 2

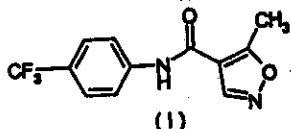
Ind.Cl : 32B 193215
Int. Cl.⁷ : C07D 261/12, A61K 031/42, 548/248
Title : NEW PROCESS FOR PREPARATION OF BIOLOGICALLY ACTIVE ISOXAZOLE.
Applicant : TORRENT PHARMACEUTICALS LTD., CENTRAL PLAZA, 1ST FLOOR, ROOM # - 106, 2/6, SARAT BOSE ROAD, CALCUTTA - 700 020, WEST BENGAL.
Inventor : NADKARNI SUNIL SADANAND :
Application no. 250/CAL/2002 FILED ON 01.5.2002

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

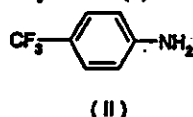
8 CLAIMS.

A process for the preparation of 5-methyl-N-(4-trifluoromethyl phenyl) isoxazole-4-carboxamide, namely Leflunomide of formula (I)

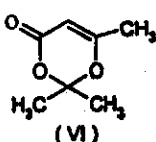


which comprises the steps of:

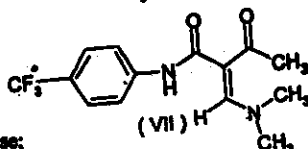
(a) reacting 4-trifluoromethyl aniline (II)



and 2,2,6-trimethyl-4H-1,3-dioxin-4-one (VI)



to give acetoacetic acid-4-trifluoromethyl anilide of formula (IV)



in a manner known per se;

(b) treating acetoacetic acid-(4-trifluoromethyl) anilide of formula (IV) with dimethyl formamide.dimethyl acetal (DMF.DMA) in aprotic solvent such as herein described at 20 to 40°C to give a novel intermediate (2E)-2-acetyl-3-(dimethylamino)-N-4-trifluoromethyl phenyl) acrylamide of formula (VII),

Complete Specifications : 18 pages.

Drawings: NIL sheets

Ind.Cl : 32 F 3 b, 39C 193216

Int.Cl⁷ : C07C 153/017, C01C 1/24

Title : A PROCESS FOR PRODUCING 2-HYDROXY -4- METHYL -
THIOBUTANOIC ACID.

Applicant : SUMITOMO CHEMICAL COMPANY, LIMITED, 5-33, KITAHAMA
4-CHOME, CHUO-KU, OSAKA, JAPAN.

Inventor : 1. SHIOZAKI TETSUYA 2. IKUDOME KENJI.

Application no. 291/CAL/1998 FILED ON 23.2.1998
(CONVENTION NO. 09-049029 ON 04.3.1997 & 09-248592 ON 12.9.1997 IN JAPAN.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

5 CLAIMS.

A process for producing 2-hydroxy-4-methylthiobutanoic acid which comprises the steps of :

- (A1) conducting hydration of 2-hydroxy-4-methylthiobutyronitrile at a temperature of about 70 °C or below in a reaction system containing 2-hydroxy-4-methylthiobutyronitrile and sulfuric acid, ammonium bisulfate being added to the reaction system while conducting the hydration,
- (A2) conducting hydrolysis of the resulting 2-hydroxy-4-methylthiobutyronitrile hydrate to obtain a solution containing 2-hydroxy-4-methylthiobutanoic acid,
- (B) separating the solution containing 2-hydroxy-4-methylthiobutanoic acid into an organic layer containing 2-hydroxy-4-methylthiobutanoic acid and an aqueous layer containing ammonium sulfate and ammonium bisulfate,
- (C) obtaining 2-hydroxy-4-methylthiobutanoic acid from the organic layer, and
- (D) adding a water-miscible organic solvent to the aqueous layer to deposit the ammonium sulfate and separating the ammonium sulfate from the aqueous layer.

Complete Specifications : 35 pages.

Drawings: 2 sheets

Ind.Cl : 179 E 193217
Int. Cl.⁷ : B65D 33/36, 33/38
Title : A DISPENSING SYSTEM AND METHOD FOR MAKING SAME.
Applicant : APTARGROUP, INC., 475 WEST TERRA COTTA, SRYSTAL LAKE,
ILLINOIS 60014, USA.
Inventor : BRUCE M. MUELLER.

Application no. 1290/CAL/1997 FILED ON 09.7.1997

(CONVENTION NO. 08/680,251 FILED ON 11.7.1996 IN USA.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

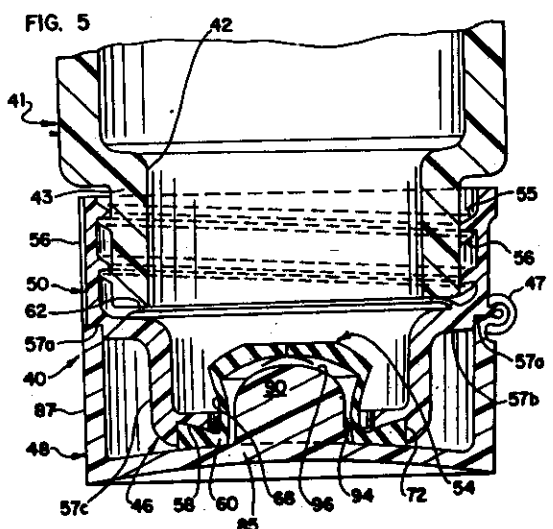
PATENT OFFICE KOLKATA.

37 CLAIMS.

1. A method for making a dispensing system for a squeeze-type container, said method comprising the steps of:

(A) providing a first material in the form of a dispensing end structure such as hereinbefore defined, defining a dispensing orifice and a surrounding attachment region, and

(B) subsequently molding a dispensing valve from a second material having (1) a peripheral portion molded against, and bonded to, said end structure attachment region, and (2) a central portion that extends from said peripheral portion across said dispensing orifice.



Complete Specifications : 36 pages.

Drawings: 4 sheets

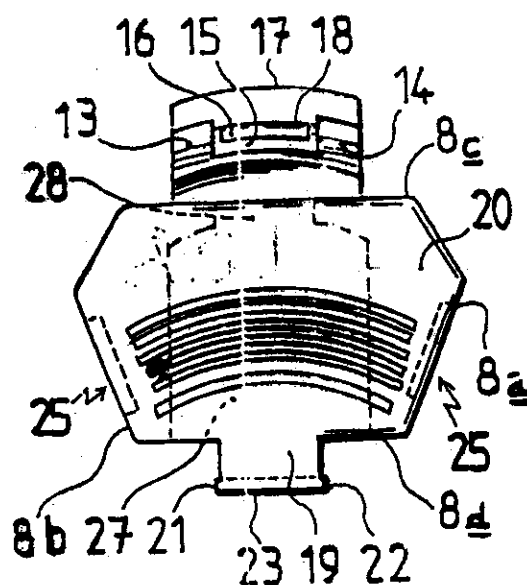
Ind.Cl : 179 A 193218
Int. Cl.⁷ : B21D 51/44
Title : A RECLOSING COVER FOR A RECEPTACLE FITTED WITH A
FRANGIBLE CLOSING
Applicant : AKLINE, ROUTE DES CREUSES, 74650, CHAVANOD, FRANCE.
Inventor : DIDIER MARTIN
Application no. 1215/CAL/1997 FILED ON 25.6.1997
(CONVENTION NO. FR 9608101 FILED ON 28.6.1996 IN FRANCE.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

13 CLAIMS.

Reclosing cover (8) for a receptacle fitted with a frangible closing comprising a cylindrical body (1), a bottom (2) and a crimped top (4) in which an opening (6) smaller than the said top may be formed by means of a frangible closing device (5) known per se, that may be pushed inside the receptacle by a pulling tab (7) acting as a lever being retained in the center and above the said top crimped (4) by a rivet (9), the said cover (8) which is installed removably on or around the said pulling tab (7) before or after opening (6) of the receptacle, to form a sliding tab pivoting around the said rivet (9) on the upper part of the top (4) fitting firstly on the said pulling tab (7) and secondly, by means of external peripheral means, clipping around the peripheral crimping hem (12) on the top (4) of the receptacle body (1), this hem (12) acting as an external rail for circular displacements of the cover (8) is moved in a circular manner, characterised in that the external peripheral means comprise two resilient connecting tabs (13, 14), approximately in the median horizontal plane (P) of the cover (8) and symmetrically located on each side of the longitudinal axis of symmetry S of the said cover (8) to form a space (15) in which a stud (16), projecting from a horizontal strip (17) connecting the free mold removal ends of the two tabs (13, 14) extends from the inner edge (18) of the said strip (17) towards the lower part of the hem (12) until coming into contact with the side wall (3) of the receptacle, in order to work in cooperation with the two resilient connecting tabs (13,



14) to lock and provide guidance around the hem (12) during circular displacements of the cover (8).

Complete Specifications : 16 pages.

Drawings: 2 sheets

Ind.Cl : 69 I 193219

Int. Cl.⁷ : H01H 13/00

Title : A SWITCH STRUCTURE

Applicant : KABUSHIKI KAISHA T AN T. 30-14, HIGASHI-IKEBUKURO
1-CHOME, TOSHIMA-KU, TOKYO, JAPAN.

Inventor : 1. TAKANO TSUNESUKE 2. SINZANA KOUICHI
3. YABATA HIROSHI

Application no. 1462/CAL/1997 FILED ON 07/8/1997

(CONVENTION NO. 8-279610 FILED ON 22.10.1996 IN JAPAN .

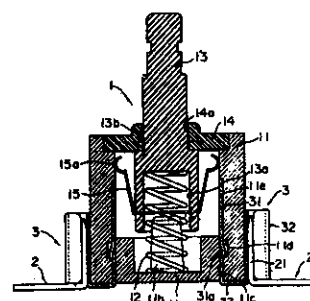
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

7 CLAIMS.

A switch structure for connection to a pair of spaced contact blades, the structure comprising an electrical switch having a housing from which extends an operating member, and a resilient, electrically conductive contact plate slidable in the housing between a rest position and a displaced position on movement of the operating member, and a pair of insertion holes formed within the housing, the structure being provided with a pair of connection terminals each having a terminal plate within the housing resiliently retained in an associated insertion hole in the housing to extend into the path of movement of the contact plate between its rest position and its displaced position, and, integral with the terminal plate, a resilient clamp to fit resiliently onto an associated one of the contact blades, whereby, in the event of movement of the contact plate to its displaced position, said contact plate is caused to engage the terminal plates and to effect electrical continuity between the contact blades.

FIG. 3



Complete Specifications : 12 pages.

Drawings: 9 sheets

Ind.Cl : 172 C 9 193220

Int.Cl⁷ : G01N 21/00

Title : A DEVICE FOR ON-LINE MONITORING FOR DETECTING IMPURITIES IN A SLIVER OF FIBER.

Applicant :

Inventor : 1. YOUE-TSYR CHU 2. JOSEPH M. YANKEY
3. MICHAEL H. REYNOLDS 4. IAN F. OXLEY

Application no. 0048/CAL/1998 FILED ON 12.1.1998

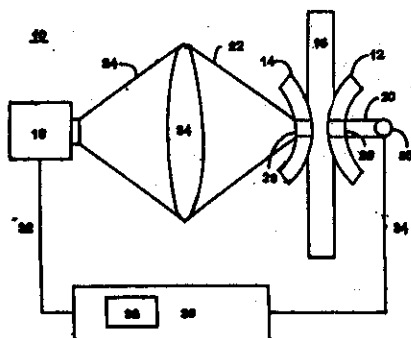
(CONVENTION NO. 08/997,153 FILED ON 23.12.1997 IN USA.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

18 CLAIMS.

A device for on-line monitoring for detecting impurities, such as neps and trash particles, in a sliver of fiber, comprising a guide for receiving and compressing the sliver of fiber, a light source for producing light, a transparent window located in the guide for receiving the light from the light source and providing the light from the compressed sliver of fiber and for receiving the light from the compressed sliver of fiber, a camera for receiving the light from the transparent window and creating an image of the compressed sliver of fiber and a processing means for receiving and analyzing the image of the compressed sliver to identify impurities in the sliver.



Ind.Cl.:40 B

193221

Int.Cl⁷:C 01 B 033/44**"A METHOD FOR PRODUCING A GEL COMPOSITION"**

Applicant: CABOT CORPORATION,
A DELAWARE CORPORATION
OF 75 STATE STREET, BOSTON,
MASSACHUSETTS 02109-1806 USA

Inventors: 1. JAMES A BELMONT 4. DOUGLAS M SMITH
2. RALPH ULRICH BOES 5. WILLIAM C ACKERMAN
3. DAVID J KAUL

Application No 1655/MAS/1995 filed on 14th DEC 1995

Convention No.08/356,849 on, 15th DEC 1994 in USA
Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)
Patent Office, Chennai Branch.

14 Claims

A method for producing a gel composition comprising: (i) providing a metal oxide gel or precursor thereof, (ii) providing a carbonaceous component selected from the group consisting of carbon black, carbon fiber, activated carbon, graphitic carbon and mixtures thereof, wherein the carbonaceous component has attached at least one organic group comprising (a) at least one aromatic group or at least one C₁-C₁₂ alkyl group, and (b) at least one ionic group, at least one ionizable group, or a mixture of an ionic group and an ionizable group, and wherein at least one of said aromatic or alkyl group of the organic group is directly attached to said carbonaceous component, and (iii) combining the metal oxide gel or precursor thereof and the carbonaceous component to produce a gel composition.

Comp.Specn. 37 Pages; Drgs. 4 Sheets.

Ind.Cl.: 1 E

193222

Int.Cl⁷: C 08 B 30/00

"A PROCESS FOR PRODUCING CORN STEEPWATER HAVING LOW
REDUCING SUGAR CONTENT"

Applicant: CORN PRODUCTS INTERNATIONAL INC
A US CORPORATION ORGANISED UNDER THE
LAWS OF THE STATE OF DELAWARE, 6500 SOUTH
ARCHER AVENUE, BEDFORD PARK, ILLINOIS 60501-1933 USA

Inventors: 1. RICKY D KISER
2. LING DU

Application No 127/MAS/2000 filed on 18th Feb 2000

Convention No. 09/290,099 on, 12.4.1999 in US

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)
Patent Office, Chennai Branch.

9 Claims

A process for producing corn steepwater having low reducing sugar content comprising

- (a) introducing fresh steepwater containing from 1000 to 2200 parts per million sulfur dioxide to corn;**
- (b) steeping the corn for a steeping time of 10 hours to 48 hours at a temperature from 118°F to 125°F;**
- (c) separating the steepwater from the corn at a rate of 2 to 4 gallons per bushel of corn;**
- (d) adjusting the pH to from 4.2 to 5.5 at a time between about 4 hours after the fresh steepwater is introduced to about 1 hour before the separation of the steepwater from the corn;**
- (e) maintaining the separated steepwater at a temperature from 118°F to 125°F for between 10 to 40 hours; and**
- (f) evaporating said separated corn steepwater obtained in step (e) to produce corn steepwater of the desired concentration.**

Reference to : US Patent: 2,323,555; 4,359,528; 4,980,282

Comp.Specn. 17 Pages; Drgs 5 Sheets.

Ind.Cl.:55F

193223

Int.Cl⁷:C 12 P 19/34**"PROCESS FOR EXTRACTION OF SUPERIOR-QUALITY PLASMID DNA"**

Applicant: JAWAHARLAL NEHRU CENTRE FOR ADVANCED SCIENTIFIC RESEARCH
Molecular Biology and Genetics Unit, Jakkur, P.O. Box 6436,
Bangalore 560 064, registered as a Society under the Karnataka
Societies Registration Act and an autonomous national Institution, India

Inventors: 1. Udaykumar Ranga

Application No:614/MAS/1999 filed on 2nd June 1999

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)
Patent Office, Chennai Branch.

10 Claims

**An improved process for the extraction of superior quality plasmid DNA,
said process comprising the steps of:**

- a. harvesting bacterial cells by centrifugation,
- b. suspending the harvested cells in solution I such as herein described,
- c. lysating the suspended cells by adding solution II such as herein described,
- d. neutralising the lysed cells by adding solution III such as herein described,
- e. centrifuging the neutralized cells and thereby precipitating cell debris and proteins and to obtain a supernatant,
- f. adding NaCl stock into the supernatant to increase concentration of Na⁺ ions in the supernatant,
- g. adding a silica suspension such as herein described to the supernatant to obtain a silica solution,
- h. centrifuging the silica solution of step g bound to silica pellets,
- i. washing the silica pellets with a buffer to remove impurities and
- j. eluting the bound plasmid DNA with distilled water or low salt buffer and thereby obtaining the superior quality plasmid DNA.

Ind.Cl.:32 B

193224

Int.Cl⁷:C 07 C 9/12

"A process for the preparation of an isobutane/ isohexane containing product

Applicant: HALDOR TOPSOE A/S,
NYMOLLEVEJ 55,
DK - 2800 LYNGBY
DENMARK
DANISH

Inventors: SVEN IVAR HOMMELTOFT

Application No:1680/MAS/1995 filed on 19th December 1995

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)
Patent Office, Chennai Branch.

07. Claims

A process for the preparation of an isobutane/isohexane containing product such as herein described comprising passing an isopentane feed to a disproportion stage and disproportionating the isopentane feed in the presence of known olefinic and/or higher branched paraffinic hydrocarbons by contact with an acid catalyst having an acidity of $H_0 > 8$ at a temperature of between 0°C and 150°C and withdrawing an isobutane/isohexane containing product therefrom.

Reference to : 3766292/3668269

Comp.Specn. 08 Pages; Drgs 0 Sheets.

Ind.Cl.: 104 P

Int.Cl.⁷: C 08 K 5/3415

193225

"A Process For Producing Sulfur-Vulcanized Rubber Composition"

Applicant: AKZO NOBEL N.V.
A DUTCH COMPANY
VELPERWEG 76, 6824 BM ARNHEM THE NETHERLANDS

Inventors: 1. RABINDRA NATH DATTA 4. ARIE JACOB DE HOOG
2. AUKE GERARDUS TALMA 5. BEREND JAN DIJK
3. ANDRE STEENBERGEN

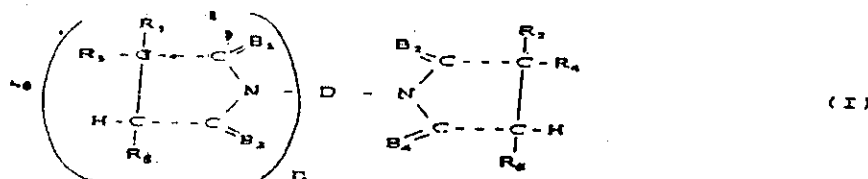
Application No: I727/MAS/95 filed on 27th December 1995

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)
Patent Office, Chennai Branch.

8 Claims

A process for producing sulfur vulcanized rubber composition comprising reacting:

- (A) 100 parts by weight of at least one natural or synthetic rubber,
(B) 0.1 to 25 parts by weight of sulfur or sulfur donor in sufficient amounts to provide the equivalent of 0.1 to 25 parts by weight of sulfur, and
(C) 0.1 to 10 parts by weight of a congent of the formula I:



wherein R_1 and R_2 represent each independently a suitable leaving group; R_3 and R_4 are independently selected from hydrogen, OH, CH_2OH , CH_2Cl , CH_2Br , CH_2NH_2 , CH_2CN , CH_2R , CH_2OR , SO_2R , CHCl_2 , CCl_3 , CHBr_2 , CBr_3 , CH_2F and CF_3 , wherein R is hydrogen, C_{1-10} alkyl, C_{6-18} aryl, C_{7-20} alkaryl or C_{7-20} aralkyl, the aryl groups being optionally substituted; R_3 and R_4 are independently selected from the same substituents as for R_3 and may also be hydrogen or halogen; B_1 , B_2 , B_3 and B_4 are independently selected from oxygen and sulfur; n is an integer from 1 to 10; and D is a polyvalent radical such as herein described, at a temperature of from 110 to 220°C for upto 24 hrs to fully or partially compensate the reversion of said rubber composition.

Reference to : US 3297713

Comp.Specn. 29 Pages; Drgs NIL Sheets.

Ind. Cl. : 32 F 3(d)

193226

Int. Cl.⁷ : C 07 D 201/12

"A PROCESS FOR RECOVERING CAPROTACTAM FROM CAPROLACTAM CONTAINING WASTE SELECTED FROM A CAPROLACTAM CONTAINING OLIGOMER/POLYMER"

Applicant : BASF AKTIENGESELLSCHAFT A GERMAN JOINT STOCK COMPANY ORGANISED AND EXISTING UNDER THE LAWS OF THE FEDERAL REPUBLIC OF GERMANY, WITH A REGISTERED OFFICE AT 67056 LUDWIGSHAFEN FEDERAL REPUBLIC OF GERMANY.

Inventors : 1. PETER BABLER 2. MICHAEL KOPIETZ

Application No. 1613/MAS/1995 filed on 7th December 1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 2003), Patent Office, Chennai Branch.

4 Claims

A process for recovering caprotactam from caprolactam containing waste selected from a caprolactam containing oligomer/polymer, containing the repeating unit $[-N(CH)-(CH_2)_5-C(O)-]$ or a mixture consisting essentially of from 40 to 99.9% by weight of a polymer containing the repeating unit, $[-N(CH)-(CH_2)_5-C(O)-]$ from 0.001 to 50% by weight of additives selected from the group consisting of inorganic fillers, organic and inorganic pigments & dyes, from 0 to 10% by weight of organic or inorganic additives from 0 to 40% by weight of polyamide containing polymers and 0 to 60% by weight of polyamides with the exception of polycaprolactam and copolyamides prepared from caprolactam comprises hydrolyzing the same with superheated water at a temperature from 280°C to 320°C and at from 7.5 to 15 MPa and a weight ratio of water to the polymer containing the repeating unit $[-N(CH)-(CH_2)_5-C(O)-]$ of 5:1 to 13:1 for a period of less than three hours with the proviso that the reaction mixture contain no gaseous phase under the conditions of hydrolysis and separating the liquid phase containing caprolactam in a known manner.

Reference to : US 3939153US 4605762

(Comp. Specn. 14 Pages;

Drgs. 1 Sheet)

Ind.Cl.:62

193227

Int.Cl⁷:C 11 D 3/386; D 06 P 3/02**"A PROCESS FOR PRODUCING FABRICS WITH BLEACHED LOOK"**

Applicant: NOVOZYMES A/S
 A DANISH COMPANY
 OF KROGSHOJ UEJ 36 DK
 2880 BAGSVAERD
 DENMARK

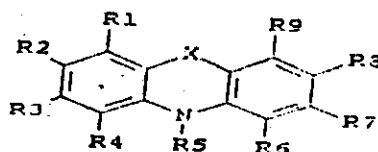
Inventors: 1. ANDERS HJELHOLT PEDERSEN
 2. JESPER VALLENTIN KIERULFF

Application No: 1368/MAS/1995 filed on 24th Oct. 1995

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)
 Patent Office, Chennai Branch.

14 Claims

A process for producing fabrics with bleached look in the colour density of dyes on the surface thereof, said process comprising the steps of contacting, in an aqueous medium, a dyed fabric with a phenol oxidizing enzyme system such as hœrcin described and an enhancing agent of the following formula:



in which formula X represents (-O-) or (-S-), and the substituent groups R¹-R⁹, which may be identical or different, independently represents any of the following radicals; hydrogen, halogen, hydroxy, formyl, carboxy, and esters and salts thereof, carbamoyl, sulfo and esters and salts thereof, sulfamoyl, nitro, amino, phenyl, C₁-C₁₄-alkyl, C₁-C₃-alkoxy, carbonyl-C₁-C₃-alkyl, aryl-C₁-C₃-alkyl; which carbamoyl, sulfamoyl and amino groups may furthermore be unsubstituted or substituted once or twice with a substituent group R¹⁰; and which phenyl may furthermore be unsubstituted or substituted or substituted with one or more substituent groups R¹⁰; and which C₁-C₁₄-alkyl, C₁-C₃-alkoxy, carbonyl-C₁-C₃ alkyl, and aryl-C₁-C₃ alkyl groups are preferably saturated or unsaturated, branched or unbranched, and may furthermore be unsubstituted or substituted with one or more substituent groups R¹⁰; which substituent group R¹⁰ represents any of the following radicals: halogen, hydroxy, formyl, carboxy and esters and

salts thereof, carbamoyl, sulfo and esters and salts thereof, sulfamoyl, nitro, amino, phenyl, aminoalkyl, piperidino, piperazinyl, pyrrolidino, C₁-C₅-alkyl, C₁-C₅-alkoxy; which carbamoyl, sulfamoyl, and amino groups may furthermore be unsubstituted or substituted once or twice with hydroxy, C₁-C₅-alkyl, C₁-C₅-alkoxy; and which phenyl may furthermore be substituted with one or more of the following radicals; halogen, hydroxy, amino, formyl, carboxy and esters and salts thereof, carbamoyl, sulfo and esters and salts thereof, and sulfamoyl; and which C₁-C₅-alkyl, and C₁-C₅-alkoxy groups may further more be saturated or unsaturated, branched or unbranched, any may furthermore be substituted once or twice with any of the following radicals; halogen, hydroxy, amino, formyl, carboxy and esters and salts thereof, carbamoyl, sulfo and esters and salts thereof, and sulfamoyl; or in which general formula two of the substituent groups R¹-R⁹ may together form a group -B-, in which B represents any of the following the groups: (-CHR¹⁰-N=N-), (-CH-CH-)_n or (-N-CR¹⁰-NR¹¹-), in which groups n represents an integer of from 1 to 3, R¹⁰ is a substituent group as defined above and R¹¹ is defined as R¹⁰ to obtain a bleached fabric.

Reference to : US 4 077 768; EP 537381; WO 91/05858; WO 92/16634

Comp.Specn. 44 Pages; Drgs NIL Sheets.

Ind.Cl.:42C

193228

Int.Cl⁷:A 24 F 47/00

"A SMOKING ARTICLE, A SUBSTANTIALLY NON-COMBUSTIBLE
SMOKING ARTICLEWRAPPER AND A METHOD OF PRODUCING THE SAME"

Applicant: BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED
A BRITISH COMPANY
GLOBE HOUSE, 1 WATER STREET, LONDON
WC2R 3LA ENGLAND

Inventors: 1. JOHN LAWSON BEVEN 4. RICHARD GEOFFREY HOOK
2. DAVID JOHN DITTRICH 5. KEVIN GERARD MCADAM
3. COLIN CAMPBELL GREIG 6. ROSEMARY ELIZABETH O'REILLY

Application No1157/MAS/1995 filed on 6th Sep. 1995

Convention No.GBSN 9417970.2 on, 7th Sep. 1994 in GBSN

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)
Patent Office, Chennai Branch.

48 Claims

A smoking article having a smoking material rod comprising a substantially non-combustible wrapper extending substantially along the length of the smoking material rod and enwrapping smoking material, said smoking material comprising a combustible fuel source extending substantially along the length of the smoking material rod and aerosol generating means extending substantially along the length of the smoking material rod, characterised in that said wrapper is comprised of predominantly non-combustible, particulate, inorganic filler material, a binder, optionally a plasticiser, and optionally a small amount of cellulosic fibre material, and said inorganic filler material is at least 65% by weight of said wrapper.

Reference to : A 24 D 001/02A 24 B 015/12, A 24 B 061/00A, 24 B 003/14

Comp.Specn. 58 Pages; Drgs 1 Sheets.

Ind.Cl.: 23 H

193229

Int.Cl.⁷ :B 65 D 77/06

"A PALLET CONTAINER FOR THE TRANSPORT AND THE STORAGE OF LIQUIDS"

Applicant: PROTECHNA S.A.,
OF 30, RUE ST.-PIERRE,
CH-1701 FRIBOURG
A SWISS COMPANY
SWITZERLAND

Inventors: 1. UDO SCHUTZ

Application No:1359/MAS/1995 filed on 20th Oct 1995

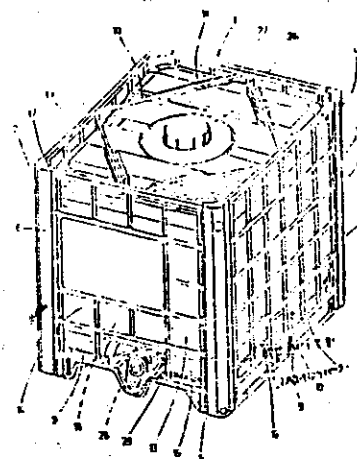
Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)
Patent Office, Chennai Branch.

2. Claims

A pallet container for the transport and the storage of liquids, with a parallelepiped-shaped inner container with a sealable filler neck and a discharge connecting piece for the connection of a drain fitting, which has a drain bottom and an outer jacket designed as a lattice or sheet-metal jacket and is in a flat bottom tray made of sheet-metal or plastic and designed as a pallet, characterized in that inner container (2) consists of an outer shell (13) made of sheet steel with jacket (14), bottom part (15) with drain bottom (16) and cover (17) as well as of liquid-tight, elastic inner shell (18) made of plastic, jacket (14) of outer shell (13) is connected by a folding seam connection (20, 21) or clinch connection (22) to bottom part (15) and cover (17) and in that filler neck (30) of elastic inner shell (18) of inner container (2) is passed through from inside by corresponding filler neck (26) in cover (17) of outer shell (13) and locked with its upper annular edge (31) to upper edge (32) of filler neck (26) in cover (17) of outer shell (13).

Reference to : Foreign Patent Reference DE 42 06 945 c1

Comp.Specn. 8 Pages; Drgs 2 Sheets.



Ind.Cl.: 136 E

193230

Int.Cl⁷: G 01 N 033/34; D 21 C 009/10**"A METHOD OF THE PRODUCTION OF PAPER PULP"**

Applicant: EKA CHEMICALS AB
ADDRESS: S - 445 80 BOHUS,
A SWEDISH COMPANY
SWEDEN

Inventors: 1. LARS RENBERG
2. ANDERS SPAREN

Application No: 1308/MAS/1995 filed on 11th October 1995

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)
Patent Office, Chennai Branch.

17 Claims

In a method for the production of paper pulp comprising at least one bleaching stage, the improvement comprising steps of qualitative and quantitative determination of the organic content in effluents from pulp and paper production by (I) developing a calibration model by (I.a) registering absorption, transmittance or reflectance spectra of reference samples of known properties and concentration of organic substances to develop learning sets; (I.b) processing the spectral raw data, to reduce noise and adjust for drift and diffuse light scatter; (I.c) performing a data analysis by applying chemometric techniques to the processed learning sets; and calibrating the processed spectral data with the actual values obtained from reference analytical methods; (II) determining the unknown properties and/or organic substances of pulp and paper by registering the absorption, transmittance or reflectance spectra, in correspondence to (I.a); processing the thereby obtained spectral raw data as according to (I.b); and applying the developed calibration model to the processed data.

Comp.Specn. 24 Pages; Drgs 1 Sheets.

Ind.Cl.: 128

193231

Int.Cl⁷: A 61 F 13/20**"AN ABSORBENT ARTICLE"**

Applicant: KIMBERLY-CLARK WORLDWIDE INCORPORATED
OF 401 NORTH LAKE STREET
NEENAH, WISCONSIN 54956
AN U S COMPANY
USA

Inventors: 1. DUANE KENNETH ZACHARIAS
2. YUNG HSIANG HUANG
3. FRANK GERALD DRUECKE

Application No:1241/MAS/1995 filed on 26th Sept 1995

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)
Patent Office, Chennai Branch.

22 Claims

An absorbent article comprising:

- a) an absorbent core having at least one major surface adapted to be positioned adjacent a wearer's body; and**
- b) a pressure sensitive adhesive secured to said major surface, wherein said adhesive referenced to about 20° C. has a rheological property $\tan \delta$ ranging from about 0.01 to about 0.6 at a frequency of about 0.1 radian per second and a $\tan \delta$ ranging from about 0.1 to about 1.7 at a frequency of about 1000 radians per second.**

Comp.Specn. 20 Pages; Drgs 9 Sheets.

Ind.Cl.:I7I

193232

Int.Cl.⁷:G 02 C 7/02

**"A METHOD OF CASTING A CROSS-LINKABLECASTING COMPOSITION
INTO A CURVEDOPHTHALMIC LENS"**

Applicant: SIGNET ARMORLITE, INC.,
a Delaware Corporation,
1001 Armorlite Drive, San Marcos,
California 92069,
United States of America

Inventors: 1. Thomas J. Engardio 4. Jean S. Lee
 2. Philip D. Dalsin
 3. Dae Ki Kang

Application No:1199/MAS/1995 filed on 14th September 1995

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)
Patent Office, Chennai Branch.

30 Claims

A method of casting a cross-linkable casting composition into a curved ophthalmic lens having an index of refraction of at least 1.50 comprising providing the casting composition in a mold cavity formed between adjacent, non-planar mold sides and allowing to polymerize and cross-link the composition, said composition comprising 35-63% by weight of an unsaturated polyester resin; 1 to 20% by weight of an additive selected from the group consisting of an allylic ester monomer, an acrylate and mixtures thereof; and at least 0.01% by weight of an exotherm depressant selected from the group consisting of alpha-methyl styrene; terpinolene; gamma-terpinene; dilauryl thiodipropionate; 4-tert-butylpyrocatechol; 3-methyl catechol and mixtures thereof for depressing the rate of polymerization of said composition, in an amount sufficient to prevent the formation of visible waves in the cured composition.

Reference to : US 3391224; 3513224; 5319007; 4721377; WO 90/05061

Comp.Specn. 39 Pages; Drgs Nil Sheets.

Ind.Cl.:32C & 152 F

193233

Int.Cl⁷:C 08 F 114/06

"A PROCESS FOR TREATING PLASTICIZED POLYVINYL CHLORIDE (PPVC) FOR RETARDING THE MIGRATION OF THE PLASTICIZER"

Applicant: SREE CHITRA TIRUNAL INSTITUTE FOR MEDICAL SCIENCES & TECHNOLOGY,
BIOMEDICAL TECHNOLOGY WING, POOJAPPURA,
THIRUVANANTHAPURAM 695 012,
AN INDIAN INSTITUTE,
INDIA

Inventors: 1. P.R. Hari
2. Chandra P. Sharma

Application No 1076/MAS/1995 filed on 23/08/1995

Complete specification Left 26/11/1996

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)
Patent Office, Chennai Branch.

14 Claims

A process for treating plasticized polyvinyl chloride (PPVC) for retarding the migration of the plasticizer, comprising in the steps of
cleaning by a known method and drying the PPVC sheets, subjecting them to a gas discharge treatment with a non-depositing gas for a period of upto 10 mins. and thereafter to a step of gelatine immobilisation by treating them with a gelatin solution in the presence of a coupling agent such as herein described, rinsing and drying the sheets to obtain the treated PPVC sheets.

Ref: Indian Application No.1076/MAS/1995

~~Agent: M/S. L.S. DAVAR & CO.~~

Text: 27 Pages; Drgs 4 Sheets.

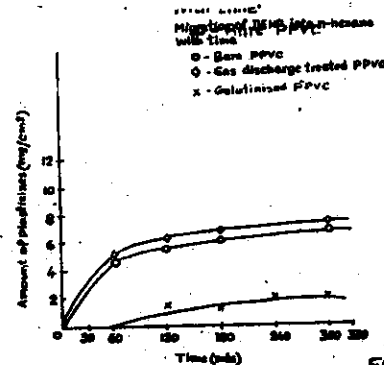


Fig. 5

Ind.Cl.:140 A2

193234

Int.Cl⁴:C10M 171/00**" A LUBRICATING OIL FOR USE IN REFRIGERATORS"**

Applicant: JAPAN ENERGY CORPORATION
A JAPANESE COMPANY
10-1, TORANOMON 2 - CHOME,
MINATO-KU, TOKYO
JAPAN

Inventors: I. TAKASHI KAIMAI

Application No3/MAS/1996 filed on 02ND JANUARY 1996

Convention No.7-107070 on, 07TH APRIL 1995 in JAPAN

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003),
Patent Office, Chennai Branch.

4. Claims

A lubricating oil for use in refrigerators using a refrigerant mainly composed of one or more hydrofluorocarbons, said lubricating oil comprising: (a) an effective amount of lubricating oil additive comprising a partially etherified polyhydric alcohol which has at least two hydroxyl groups and bears one or two alkenyl groups having one to three double bonds and 12 to 24 carbon atoms as an active component in an amount of 0.1 to 5% by weight based on the total weight of the lubricating oil, said alkenyl groups each being attached to said polyhydric alcohol through an ether linkage (b) an effective amount of a phosphate in an amount of 0.1 to 5% by weight based on the total weight of the lubricating oil and (c) a lube base oil which is mainly composed of a polyhydric alcohol ester or a polyether.

Reference to : C09K 5/4C10M 129/08

Comp.Specn. 25 Pages; Drgs Sheets.

Ind.Cl.:131 B-4

193235

Int.Cl⁷:E 21 B-44/00

"A DOWNHOLE TOOL FOR PROVIDING A THRUST FORCE TO AN
ELONGATE BODY EXTENDING IN A BOREHOLE"

Applicant: SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.
OF CAREL VAN BYLANDTLAAN 30, 2596 HR THE HAGUE,
A COMPANY ORGANISED UNDER THE LAWS OF THE
NETHERLANDS, A RESEARCH COMPANY,
THE NETHERLANDS

Inventors: 1. Sebastien Arnaud CHEVALLIER
2. Albah Michel FAURE
3. Peter OOSTERLING

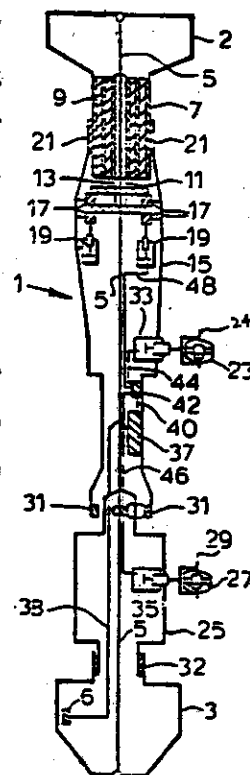
Application No:199/MAS/1996 filed on 7th February 1996

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003),
Patent Office, Chennai Branch.

14 Claims

A downhole tool for providing a thrust force to an elongate body extending in a borehole formed in an earth formation, the tool comprising at least one rotatable body provided with a plurality of rollers, each roller being expandable against the borehole wall at a selected contact force between the roller and the borehole wall, the rollers being oriented when expanded against the borehole wall so as to roll along a helical path on the borehole wall, and a motor to rotate each rotatable body, characterized in that the tool further comprises measuring means to measure the thrust force provided by the tool and a control system to control the thrust force provided by the tool by regulating the rotative torque of the rotatable body, in response to the measured thrust force.

Comp.Specn. 16 Pages; Drgs 1 Sheets.



Ind.Cl.: 146 D

193236

Int.Cl⁷: G 11 B 7/00; 7/24; 5/66

"AN OPTICAL DISK DRIVE SYSTEM"

Applicant: INTERNATIONAL BUSINESS MACHINES CORPORATION
A COMPANY ORGANIZED AND EXISTING UNDER THE LAWS
OF THE STATE OF NEW YORK, U.S.A. OF ARMONK
NEW YORK 10504, USA

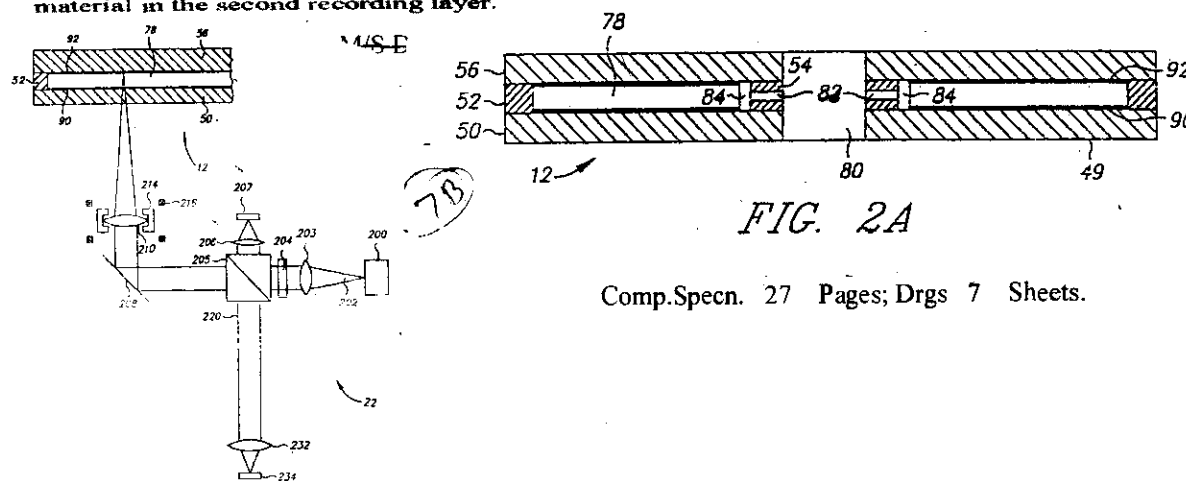
Inventors: 1. WAYNE LSAMI LMAINO 4. WADE WAI-CHUNG TANG
2. HAL JERVIS ROSEN
3. KURT ALLAN RUBIN

Application No:379/MAS/1996 filed on 11th March 1996

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003),
Patent Office, Chennai Branch.

21 Claims

An optical disk drive system comprising: a laser light source for generating laser light at a predetermined wavelength and at different read and write power levels; at least one optical disk comprising (a) a first member transmissive to the light and having a first surface that forms a disk outer face onto which the light is incident, (b) a first recording layer of phase-change write-once material spaced from the disk outer face by the member, (c) an optical interference film in contact with the first recording layer and transmissive to the light, the optical interference film having an index of refraction significantly different from the index of refraction of the first recording layer and a thickness sufficient to provide constructive interference of the light, the first recording layer and the optical interference film in contact with it being light transmissive and (d) a second recording layer of phase-change write-once material spaced from the first recording layer; a lens located between the laser light source and said first surface of the member for focusing the laser light to a spot and lens moving means connected to the lens for moving the lens relative to the disk so the focused spot can be moved from one recording layer to another recording layer; whereby the light at the read power level is reflected back from the first recording layer and the optical interference film when the spot is focused on the first recording layer and the light at the write power level is transmitted through the first recording layer and the optical interference film in contact with it when the spot is focused on the second recording layer to change the phase of the material in the second recording layer.



Comp.Specn. 27 Pages; Drgs 7 Sheets.

FIG. 3

at 10:00 PM. The following information was obtained from the report:

Ind.Cl.: 158 C 2

193237

Int.Cl⁷: B 61 G 7/00**"AN IMPROVED RAILWAY COUPLER KNUCKLE"**

Applicant: AMSTED INDUSTRIES INCORPORATED
205 NORTH MICHIGAN AVENUE
44th FLOOR - BOULEVARD TOWERS SOUTH, CHICAGO,
ILLINOIS 60601 ; A COMPANY INCORPORATED IN USA
USA

Inventors: 1. V TERREY HAWTHORNE
2. HORST T KAUFHOLD
3. GEORGE G SCHWINN

Application No359/MAS/1996 filed on 7th March 1996

Convention No.08/436,885 on, 8th May 1995 in USA

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003),
Patent Office, Chennai Branch.

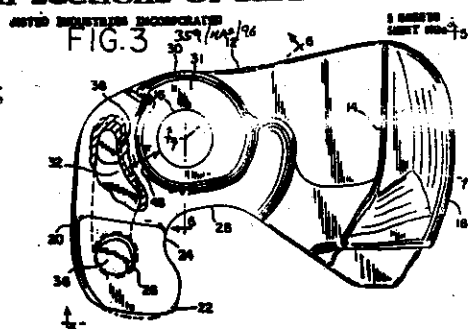
4 Claims

An improved railway coupler knuckle comprising : a tail section, a hub section and a front face section, a pivot pinhole opening formed in said hub section, wherein said pivot pinhole opening is formed of generally straight cylindrical side walls, with a centrally located relief area expanded to up to 108% of the pivot pin opening diameter, wherein said front face section having a nose section and a generally cylindrical opening in an end section of said nose section of said front face section, said generally cylindrical opening being formed by a nose section face core, said nose section face core having a generally cylindrical core section that forms said generally cylindrical opening in said end section of said nose section and an extended section extending from said generally cylindrical core section, said extended section having a lateral dimension to provide a thickness of metal of at least 1.5 inches between said pivot pinhole opening and the internal opening formed by the extended section of said face core, further comprising a transition section joining said tail section to said hub section, said transition section comprising a top metal section and bottom metal section extending toward each other, and each of said top and bottom metal sections of a generally parabolic shape, wherein the distance between said top and bottom metal sections is formed by a pulling lug core and is of constantly decreasing distance when approaching the closest spacing point between an internal

surface of said top and of said bottom metal sections of said transition sections.

Reference to : Foreign Patent references: USA 3,670,901; 3,722,708;
4,090,615; 4,645,084; 3,856,156.

Comp.Specn. 15 Pages; Drgs 5 Sheets.



Ind.Cl.:5 D I(1)

193238

Int.Cl.⁷:A 01 G 25/00; B 05 B 1/00

"IRRIGATOR CAPABLE OF ANGULAR MOVEMENT ABOUT AN AXIS OF ORIENTATION AND HAVING INTERCHANGEABLE NOZZLES"

Applicant: CASAGRANDE ANTONIO
ITALIAN CITIZEN, VIA TORRICELLA NO.18, 50011 ANTELLA,
BAGNO A RIPOLI, FIRENZE, ITALY

Inventors: 1. CASAGRANDE ANTONIO

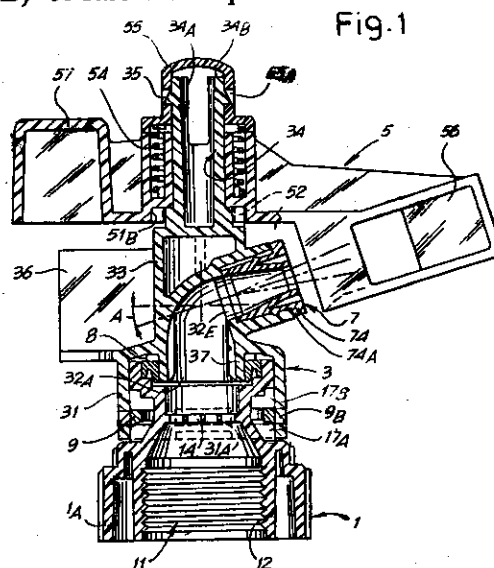
Application No 0004/MAS/1996 filed on 2nd January 1996

Convention No. FI/95/A/00006 on, 11th January 1995 in ITALY

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003),
Patent Office, Chennai Branch.

8 Claims

An irrigator capable of angular movement about an axis of orientation and made up of components made in synthetic resin, with a seal between the fixed part (1) and a mobile part (3) and with a pipe head offering a curved path with an initial portion (32A) that commences axially and is deflected by a final portion having a certain inclination (A), characterized in that said inclined final portion is very short and forms a seat (32B) for an interchangeable nozzle selectable from a series of nozzles (7x, 7y, 7z) having tapering through orifices (76x, 76y, 76z) of different inclinations and all connectable to the deflection (32E) of said initial portion (32A).



Comp.Specn. 14 Pages; Drgs 3 Sheets.

Ind.Cl.:151 F XLVIII(8)

193239

Int.Cl⁷:F 16 L 9/00; F 16 L 9/06; F 16 L 7/00; F 16 L 25/00;**"A SYNTHETIC RESIN CORRUGATED PIPE"**

Applicant: CHIZUKO KANAO
9-18 NANPEIDAI 4-CHOME, TAKATSUKI-SHI, OSAKA, JAPAN
AND
SHIGEKI KANAO
2-40, MINAMI-MACHI, JURINJI, NISHINOMIYA-SHI, OSAKA,
JAPAN

Inventors: 1. SHIRO KANAO

Application No233/MAS/1996 filed on 13th February 1996

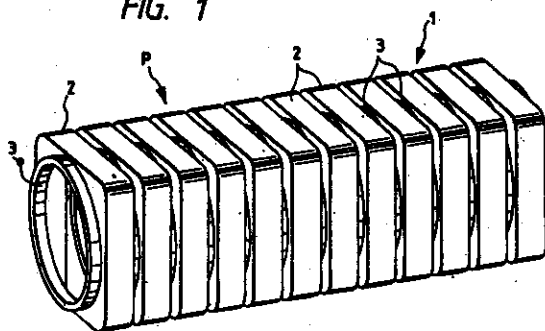
Convention No.Hei.7-50602 on, 14th Feb. 1995 in JAPAN

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules,-2003),
Patent Office, Chennai Branch.

11 Claims

A synthetic resin corrugated pipe comprising a pipe wall having one of an annularly- and a helically-shaped convex-concave surface, said convex-concave surface having a plurality of convex portions having a quadrangular cross-sectional shape and a plurality of concave portions having a circular cross-sectional shape.

FIG. 1



Comp.Specn. 22 Pages; Drgs 8 Sheets.

Ind.Cl.:37B XXXIV (1)

193240

Int.Cl⁷:B01D 46/12, B04C 5/08, F 23C 9/00**"A CENTRIFUGAL SEPARATOR ASSEMBLY"**

Applicant: FOSTER WHEELER ENERGIA OY,
A FINNISH BODY CORPORATE,
DOMICILED AT SENTNERIKUJA 2,
00440 HELSINKI,
FINLAND

Inventors: I. TIMO HYPPANEN

Application No:418/MAS/1996 filed on 15th March 1996

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003),
Patent Office, Chennai Branch.

14 Claims

A centrifugal separator assembly comprising : a vortex chamber (12) formed of a plurality of substantially planar walls (32, 34, 36, 38), having a first wall (32), the vortex chamber (12) having an interior gas volume (31) having a cross-section that is distinctly non-circular, at least one gas inlet (30) formed in the first wall (32) for introducing gas with entrained particles into the gas volume (31), the gas inlet (30) comprising at least one elongated jet-defining wall (40) having a free end portion (41) extending into the gas volume (31) a first distance (42) from the first wall (32), to define a gas jet extending substantially tangentially to a gas vortex in the gas volume (31); at least one gas outlet (50, 52, 54, 56) for cleaned gas extending from the vortex chamber (12) and being in communication with the gas volume (31), for establishing at least one gas vortex in said gas volume, and at least one separated particles outlet (46) from the gas volume (31), characterized in that the vortex chamber (12) is provided with guiding means (33) having an insert (33') of solid refractory material, said insert extending between the jet-defining wall (40) free end portion (41) and the first wall (32) and having a curved gas flow direction changing surface (47), for guiding the gas vortex between the first wall (32) and the jet-defining wall (40) so that the flow direction of particles separating from gas in the gas vortex is smoothly changed from generally along said first wall (32) to substantially in line with said gas jet at said gas inlet (30).

Reference to : US 5,281,398

vention country : DE
(2) :NIL

Comp.Specn. 23 Pages; Drgs 4 Sheets.

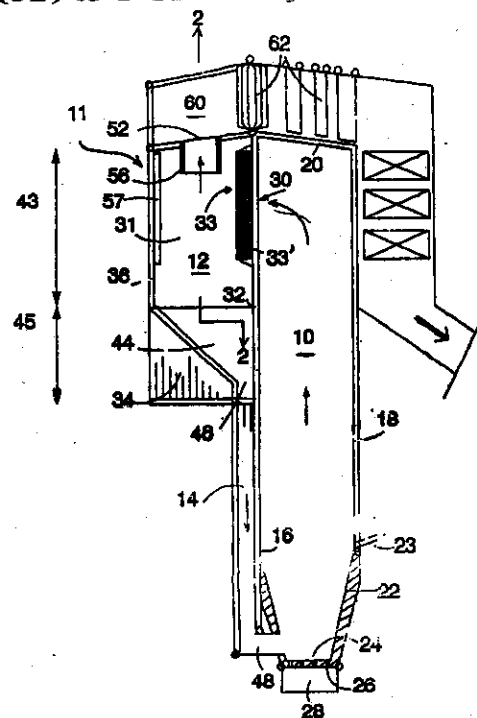


Fig. 1

Ind.Cl : 130 F 193241
Int. Cl.⁷ : B 22 D 41/00
Title : "SLIDING GATE VALVE FOR A VESSEL CONTAINING MOLTEN METAL"
Applicant : STOPING AG., OF ZUGERSTRASSE 76A, 6340 BAAR, SWITZERLAND
A SWISS COMPANY.

Inventor : 1. WERNER PLATTNER, 2. WALTER TOALDO.

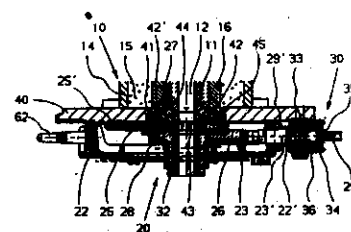
Application no. 1202/CAL/1997 FILED ON 24/06/1997.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

13 CLAIMS.

Sliding gate valve for a vessel containing molten metal with a housing frame (22), which may be mounted at a outlet (12) of the vessel and contained in which is a refractory base plate (25) and a refractory sliding plate (26), which is slidably pressable against the latter by means of spring elements (56) and is disposed in a slider unit (23), the slider unit (23), the slider unit (23) being reciprocable by means of a drive element, characterized in that the housing frame (22) is mounted, together with the sliding plate (26) and the base plate (25), longitudinally slidably below the outlet (12) on guide tracks (52), which extend transverse to the outlet, are secured to the vessel (10) and on which the spring elements (56) are supported, the guide tracks being so constructed that the housing frame (22) is released from the vessel (10) after sliding through a predetermined distance, and that the housing frame (22) has at least one connecting means (62) for releasably coupling to a manipulator (80), this manipulator (80) being adapted to slide this housing frame (22) on the guide tracks (52) and to remove it from the vessel (10) and to mount it thereon.



Complete Specifications : 14 pages.

Drawings: 03 sheets

Ind.Cl : 161B, 59A. 193242

Int.Cl⁷ : E 02 D 29/12, E 03 F 5/02

Title : "STEEL MANHOLE"

Applicant : BYUNG MOO, AHN., OF 60 YUPANERI YOOLJIN-YUP, YOOLJIN-GUN, KYUNGSANGBUK-DO, REPUBLIC OF KOREA.

Inventor : BYUNG MOO AHN.

Application no. 454/CAL/2000 FILED ON 10/08/2000.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

05 CLAIMS.

A steel manhole (15), comprising :

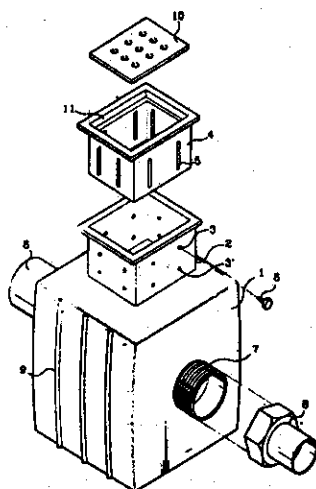
a steel box (1) having a hollow casing (2) with a plurality of bolt holes (3 and 3') formed at an upper portion of the same ;

a height control pipe (4) having a plurality of vertical longitudinal slots corresponding to said holes of hollow casing (5) inserted into an inner recessed portion of the hollow casing (2) ;

a multi-hole lid (10) for covering an upper portion of the height control pipe (4) ;

a male screw (7 and 7') formed at left and right portion of the steel box (1) and having a male screw portion, and

a female screw (8) and (8') having a thread portion for being threaded with the male screw pipe.



Complete Specifications : 08 pages.

Drawings: 04 sheets

Ind.Cl	:	128 K	193243
Int. Cl. ⁷	:	B 29 C 43/38	
Title	:	"THERMAL GRADIENT BEVELING OF CATHETERS"	
Applicant	:	JOHNSON & JOHNSON MEDICAL, INC., OF 2500 ARBROCK BOULEVARD, ARLINGTON, TEXAS 76004-3130, STATE OF THE NEW JERSEY, U.S.A.	

Inventor : 1. J. DOUGLAS FIELD, 2. ROGER AHLSTROM.

Application no. 2350/CAL/1997 FILED ON 11/12/1997.

(CONVENTION APPL. NO. 08/767267 ON 13/12/96 IN U.S.A.)

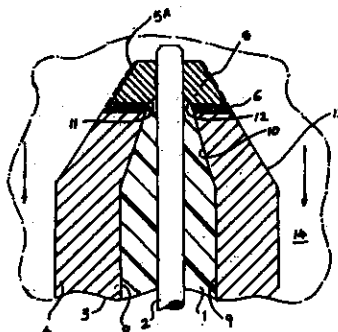
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

21 CLAIMS.

A process for forming a beveled tip on a catheter comprising:

- a) placing a tubular catheter pin (2) such that the pin (2) extends beyond the tip of the catheter (1);
- b) heating a mold (3) having an internal surface complimentary to the desired external tip surface of the catheter (1), said heated mold (3) having a higher temperature zone (4) and a lower temperature zone (5) distal of the higher temperature zone (4);
- c) inserting said pin (2) and catheter (1) into said mold (3) such that said pin (2) reaches at least a distal end of said mold-forming surface to form a space defined at least partially by said pin (2) and said mold surface;
- d) continuing to advance said catheter (1) into said space such that said higher temperature zone (4) causes the material of said catheter (1) to soften and flow until said material contacts said lower temperature zone (5) whereupon said catheter material ceases flowing.



Complete Specifications : 14 pages.

Drawings: 03 sheets

Ind.Cl : 193244

Int. Cl.⁷ : D 04 H 1/00, 13/00

Title : "PROCESS FOR THE MANUFACTURE OF A COMPOSITE MATERIAL"

Applicant : VETROTEX FRANCE, OF 130, AVENUE DES FOLLAZ, F-73000 CHAMBERY, FRANCE.

Inventor : 1. JEAN-PAUL DÉBALME, 2. DOMINIQUE LOUBINOX.

Application no. 55/CAL/1997 FILED ON 10/01/1997.

(CONVENTION APPL. NO. FR96/00578 ON 19/01/96 IN FRANCE)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA

12 CLAIMS.

A process for the manufacture of a composite product obtained by the association of glass threads and of a thermoplastic organic material in the filamentary state comprising :

continuously depositing onto a moving substrate such as herein described glass threads of which 80-100% by weight thereof are commingled threads consisting of glass filaments and of filaments of thermoplastic organic material which are intimately blended, the quantity of glass deposited representing more than 40% by weight of the total quantity of material deposited in the form of glass threads and of organic material,

subjecting this glass threads-organic material combination to heating at a temperature above the melting point of the thermoplastic organic material,

followed by compressing and cooling; the heating and/or the cooling of the said combination being simultaneously accompanied by its compression,

cutting up the said combination in the form of sheets or in winding it onto a rotating drum.

Complete Specifications : 24 pages.

Drawings: 04 sheets

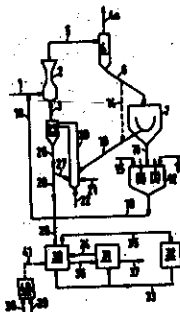
Ind.Cl : 12 C 193245
Int. Cl.⁷ : C 21 B 13/00
Title : "PROCESS FOR THE THERMAL TREATMENT OF GRANULAR IRON ORE PRIOR TO THE REDUCTION"
Applicant : METALLGESELLSCHAFT AKTIENGESELLSCHAFT, OF BOCKENHEIMER LANDSTRASSE 73-74, D-60325 FRANKFURT AM MAIN, GERMANY.
Inventor : 1. ALI BEYZAVI, 2. MARTIN HIRSCH.
Application no. 711/CAL/1998 FILED ON 22/04/1998.
(CONVENTION APPL. NO. 19718136.8 ON 30/04/97 IN GERMANY)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

08 CLAIMS.

A process for the thermal treatment of granular, moist iron ore, where the ore is passed through a drying zone, and where the ore, which comes from the drying zone with a temperature in the range from 120 to 400°C, is heated in direct contact with hot gas to temperatures of 700 to 1100°C, before it is charged into a reduction zone, characterized in that the ore coming from the drying zone is wholly or partly passed through a separating means, and a coarse-grained ore fraction is separated from a fine-grained ore fraction, that the fine-grained ore fraction is charged into a granulating means and an iron ore granulate is produced, which is introduced into the drying zone, and that the coarse-grained ore fraction is heated to temperatures of 700 to 1100°C, before it is introduced into the reduction zone.



Complete Specifications : 09 pages.

Drawings: 01 sheets

Ind.Cl : 193247

Int. Cl.⁷ : E 04 B 2/08, E04 F 15/04, F 16 B 5/00

Title : "FLOOR COVERING CONSISTING OF HARD FLOOR PANELS"

Applicant : UNILIN BEHEER B. V., AT HOOGEVEENENWAG 28, NL-2913 LV NIEUWERKERK A/D IJSSEL (THE NETHERLANDS.)

Inventor : 1. STEFAN SIMON GUSTAAF, 2. MARK GASTON MAURITA, 3. BERNARD PAUL JOSEPH.

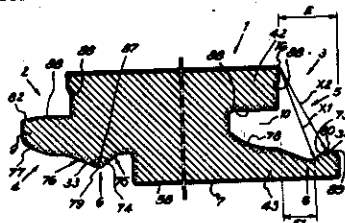
Application no. 660/CAL/1997 FILED ON 17/04/1997.
(CONVENTION APPL. NO. 09600527 & 09700344 ON 11/06/96 & 15/04/97 IN BELGIUM.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

32 CLAIMS.

Floor covering, consisting of hard floor panels (1) which are rectangular, i.e. elongated or square, and which have a first pair as well as a second pair of opposite sides (2-3, 26-27), said panels (1) at least at the edges of the second pair of opposite sides, being provided with coupling parts (4-5, 28-29), substantially in the form of a tongue (9-31) and a groove (10-32), whereby these coupling parts (4-5, 28-29) are provided with integrated mechanical locking means (6) comprising respective locking elements (11-13, 33-34, 46-47) extending in the longitudinal direction of the related edges, which locking means (6) are made in one place with the core (8) of the panels (1), whereby, in the coupled condition of two of such panels (1), the coupling parts (4-5, 28-29) together with said locking means (6) provide a locking in a direction perpendicular to the plane of the panels (1), as well as in a direction perpendicular to the coupled edges and parallel to the plane of the panels (1), whereby the basic material of the floor panels (1), in other words, the material of the core (8), substantially consists of HDF-board or MDF-board, characterized in that said coupling parts and locking means (6) being formed out of said core (8) are realized in such a manner that two of these floor panels (1) can be engaged by shifting them laterally in a substantial planar fashion towards each other, thereby providing a snap-together connection in which said locking elements grip behind each other.



Ind.Cl : 193248
Int. Cl.⁷ : C 07 C 029/20
Title : "A PROCESS FOR PRODUCING A CYCLIC ALCOHOL"
Applicant : ASahi KASEI KABUSHIKI KAISHA, OF 2-6 DOJIMAHAM
1-CHOME, KITA-KU, OSAKA, JAPAN.
Inventor : 1. SHIGERU ONO, 2. MINEYUKI IWASAKI.
Application no. 2165/CAL/1996 FILED ON 16/12/1996.

(CONVENTION APPL. NO. 07-333356 ON 21/12/95 IN JAPAN)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

10 CLAIMS.

A process for producing a cyclic alcohol which comprises subjecting a cyclic olefin represented by the formula:



(wherein R represents a hydrogen atom, an alkyl group of 1-4 carbon atoms, a phenyl group or a cyclohexyl group, n represents an integer of 5-12, and m represents an integer of 1-4) to a catalytic hydration reaction at a temperature of 50-300°C with water in the presence of a crystalline aluminosilicate having a primary particle diameter of 0.5 µm or less as a catalyst, extracting the resulting liquid of an oil phase containing a cyclic alcohol and the crystalline aluminosilicate, evaporating the liquid and feeding the vapor to a rectifying column and/or filtering the liquid and feeding the filtrate to the rectifying column, thereby to adjust the concentration of the crystalline aluminosilicate contained in the liquid in the rectifying column to 1000 ppm by weight or less, and subjecting the liquid to distillation to separate the cyclic alcohol, the weight ratio of water and the cyclic olefin in the catalytic hydration reaction is 0.001-100 and the weight of the catalyst is 0.01-200 times the weight of the cyclic olefin fed per 1 hour.

Complete Specifications : 22 pages.

Drawings: NIL sheets

Ind.Cl : 193249

Int.Cl.⁷ : B 22 D 11/22, 11/124

Title : "METHOD AND APPARATUS FOR CASTING FERROUS METAL STRIP"

Applicant : ISHIKAWAJIMA-HARIMA HEAVY INDUSTRIES CO. LTD., OF 2-1, OHEMACHI 2-CHOME, CHIYODA-KU, TOKYO 100, JAPAN AND BHP STEEL (JLA) PTY LTD., OF 600, BOURKE STREET, MELBOURNE, VICTORIA 3000, AUSTRALIA.

Inventor : 1. WALTER BLEJDE, 2. HISAHIKO FUKASE, 3. RAMA BALLAV MAHAPATRA.

Application no. 206/CAL/1997 FILED ON 05/02/1997.
(CONVENTION APPL. NO. PN8725 ON 19/03/1996 IN AUSTRALIA)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

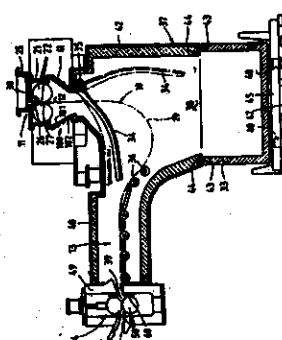
14 CLAIMS.

A method of casting ferrous metal strip comprising supporting a casting pool of ferrous molten metal on a pair of chilled generally horizontal casting rolls forming a nip between them;

rotating the rolls in mutually opposite directions to produce a solidified metal strip moving downwardly from the nip between the casting rolls;

passing the strip along a transit path which takes it away from the nip in an unrestrained loop disposed within a strip enclosure within which the strip is confined through said transit path; and

causing the strip moving downwardly from the nip to form the unrestrained loop to pass between a pair of cooled non-contact heat absorbers to which heat is radiated from the strip whereby to extract from the strip heat generated by completion of solidification of metal therein after leaving the casting pool.



Complete Specifications : 17 pages.

Drawings: 07 sheets

Ind.Cl : 144 C, 188 193250
Int. Cl.⁷ : B 32 B 5/16, C 04 B 14/04
Title : "A PROCESS FOR PREPARING MULTILAYER INTERFERENCE
PIGMENTS"
Applicant : MERCK PATENT GESELLSCHAFT MIT BESCHRANKTER
HAFTUNG, OF DARMSTADT, FRANKFURTER STRASSE 250,
FEDERAL REPUBLIC OF GERMANY.
Inventor : 1. DR. JOHANN DIETZ, 2. MANFRED PARUSEL,
3. MATTHIAS SCHILLING, 4. DR. KLAUS AMBROSIUS.
Application no. 1713/CAL/1997 FILED ON 17/09/1997.

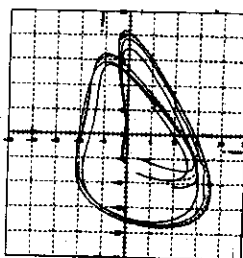
(CONVENTION APPL. NO. 19638708.6 ON 21/09/96 IN GERMANY)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

04 CLAIMS.

Process for preparing multilayer interference pigments of a transparent carrier material coated with a layer of metal oxides of high refractive index in which there are one or more interlayers of a metal oxide of low refractive index having a thickness of from 1-20 nm by suspending the carrier material in water and coating it in alternation with a metal oxide hydrate of high refractive index and a metal oxide hydrate of low refractive index, by addition and hydrolysis of the corresponding water-soluble metal compounds, the pH necessary for the precipitation of the respective metal oxide hydrate being established and kept constant by simultaneous addition of acid or base, so that a layer of a metal oxide hydrate of high refractive index in which there are one or more interlayers of a metal oxide hydrate of low refractive index is formed, separating off the coated carrier material from the aqueous suspension, drying, and if desired, calcining it, whereby the thickness of the resulting one or more interlayers of a metal oxide of low refractive index is from 1-20 nm.



Complete Specifications : 13 pages.

Drawings: 01 sheets

Ind.Cl.:62

193251

Int.Cl⁷:D 06 L 3/12**" A BRIGHTENER MIXTURE "**

Applicant: BASF AKTIENGESSELLSCHAFT, A GERMAN JOINT STOCK COMPANY ORGANISED AND EXISTING UNDER THE LAWS OF THE FEDERAL REPUBLIC OF GERMANY WITH A REGISTERED OFFICE AT 67056 LUDWIGSHAFEN, FEDERAL REPUBLIC OF GERMANY

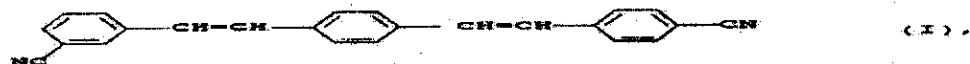
Inventors: 1. NORBERT LEPPERT 5. DIETER WEBER
2. MANFRED HERRMANN 6. HELMUT REICHEL
3. MANFRED HAUPTREIF 7. PETER RAATZ
4. PAUL DELAVIER

Application No:457/MAS/1996 filed on 21st March 1996

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003), Patent Office, Chennai Branch.

5 Claims

A brightener mixture comprising from 25% by weight to 50% by weight of the bisstyryl compound of the formula I



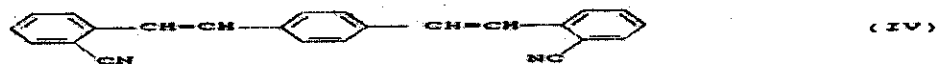
from 30 to 40% by weight of the bisstyryl compound of the formula II



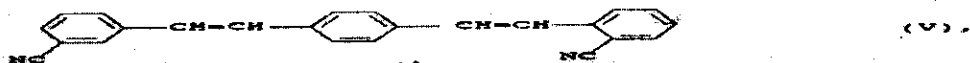
and from 0.5 to 10% by weight of the bisstyryl compound of the formula III



and additionally from 1 to 30% by weight of the bisstyryl compound of the formula IV



and/or from 1 to 30% by weight of the bisstyryl compound of the formula V



with the proviso that the stated weight percentages are each based on the total weight of the bisstyryl compounds of the formulae I to V, the percentages of the bisstyryl compounds of the formulae I to V adding up to 100% by weight, and the brightener mixtures comprising from 75 to 100% by weight, based on the weight of the brightener mixture, of the bisstyryl compounds of the formulae I to V.

Reference to : DE-A-2745449; EP-A-238446

Comp.Specn. 13 Pages; Drgs NIL Sheets.

Ind.Cl.: 19 B 2; 76 H

193252

Int.Cl.: F 16 J - 15/00; B 32 B - 5/16; C 09 K - 3/10

"AN UNSINTERED POLYTETRAFLUOROETHYLENE TAPE"

Applicant: DAIKIN INDUSTRIES LTD
OF UMEDA CENTER BUILDING, 4-12
NAKAZAKI-NISHII 2-CHOME,
KITA-KU, OSAKA-FU, A JAPANESE COMPANY
JAPAN

Inventors: 1. SHINJIN TAMARU
2. KATSUTOSHI YAMAMOTO

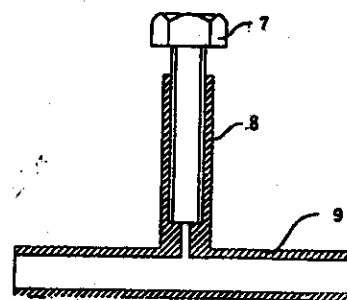
Application No522/MAS/1996 filed on 29th Mar 1996

Convention No.75054/1995 on, 31st March 1995 in JAPAN

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003),
Patent Office, Chennai Branch.

2 Claims

An unsintered polytetrafluoroethylene tape for screw joint sealing consisting of a uniaxially stretched unsintered body of a composition comprising 75 to 25 wt. parts of polytetrafluoroethylene fine powder and 25 to 75 wt. parts of inorganic powder which has new Mohs hardness of 3 or less and substantially no water absorption.



Comp.Specn. 17 Pages; Drgs 1 Sheets.

Ind.Cl.:147 E

193253

Int.Cl⁷:H 04 N 1/036**"AN OPTICAL DISK"**

Applicant: MATSUSHITA ELECTRIC INDUSTRIAL CO. LTD
A JAPANESE COMPANY
OF 1006, OAZA KADOMA, KADOMA-SHI,
OSAKA 571, JAPAN

Inventors: 1. MOTOSHI ITO
2. YOSHIHISA FUKUSHIMA
3. HIROSHI UEDA

Application No 825/MAS/1996 filed on 16th Oct. 1996

Convention No.7-270833 on, 19th Oct. 1995 in JAPAN

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003),
Patent Office, Chennai Branch.

5 Claims

An optical disk comprising;

First and second recording layers placed one over the other in a manner such that information recorded in each of said first and second recording layers is optically readable from one side of said optical disk;

Tracks formed on said first and second recording layers with a plurality of sectors provided along said tracks; and

Sector addresses provided for said plurality of sectors, respectively, wherein said sector addresses on said first recording layer increase from a first circumference side to a second circumference side, the first circumference side being one of the most inner circumference and a most outer circumference, the second circumference side being the other one of the most linear circumference and addresses outer circumference, and said sector addresses on said second recording layer increasing from the second circumference side to the first circumference side;

Wherein said sector addresses of sectors in said tracks on one recording layer of said first and second recording layers and said sector addresses of approximately corresponding sectors in said tracks on the other recording layer of said first and second recording layers are in a complementary relationship of binary numbers

Com p.Specn.49 pages; Drgs 11 sheets.

Ind.Cl.:171

193254

Int.Cl⁷:G 02 C 001/06

"AN INVESTMENT CAST DIMENSIONALLY STABLE EYEGLASSFRAME
AND A METHOD OF MANUFACTURING DIMENSIONALLYSTABLE
EYEGLASSES USING THE EYEGLASS FRAME"

Applicant: OAKLEY, INC., OF
ONE ICON,
FOOTHILL RANCH,
CALIFORNIA 92610, USA
A WASHINGTON CORPORATION

Inventors: 1. JAMES H JANNARD

Application No551/MAS/1996 filed on 03rd April 1996

Convention No.08/416, 211 on, 04th April 1995 in USA

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003),
Patent Office, Chennai Branch.

20 Claims

An investment cast, dimensionally stable eyeglass frame for resisting flexing due to impact and other stresses normally encountered during participation in active sports, said eyeglass frame of the type for supporting a first lens and a second lens, and minimizing movement of the first lens with respect to the second lens thereby minimizing flexibility induced distortion, comprising: a first investment cast orbital for surrounding the first lens, said first investment cast orbital formed from investment cast metal; a second investment cast orbital for surrounding the second lens, said second investment cast orbital formed from investment cast metal; and a connection between said first and second investment cast orbitals.

Comp.Specn. 20 Pages; Drgs 02 Sheets.

Ind.Cl.:129 G

193255

Int.Cl⁷:B 23 D 21/00

"AN APPARATUS FOR CUTTING MULTIPLY AMORPHOUS ALLOY
RIBBON TO THE DESIRED LENGTH"

Applicant: VIJAY ELECTRICALS LIMITED
AN INDIAN COMPANY
OF INDUSTRIAL DEVELOPMENT AREA,
BALANAGAR, HYDERABAD-500 037
INDIA

Inventors: 1. K. RAJA SEKHAR
2. CH. SAI PRAKASH

Application No:1411/MAS/1996 filed on 9th August 1996

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003),
Patent Office, Chennai Branch.

18 Claims-

An apparatus for cutting multiply amorphous alloy ribbon to desired length comprising an uncoiler (A) for uncoiling wound spools from a core of multiply amorphous alloy ribbon, for feeding the said spools to a feed roller assembly (B), shearing means (C) for cutting the spools to the desired length, conveyor means (D) for conveying the said cut spools from the shearing means to a stacking means (E), sensing means (G) for sensing and controlling the uncoiled spools (F) from the uncoiler to a predetermined length, and a control panel for controlling the operation of the apparatus.

Comp.Specn. 11 Pages; Drgs 1 Sheets.

Ind.Cl.:129 G/; 127 I

193256

Int.Cl⁷:B 21 D-43/10/; B 23 Q-5/50

"A DEVICE FOR FEEDING INTERNALLY LOCATABLE MACHINE COMPONENTS AND THE LIKE TO A SPECIFIED POINT"

Applicant: KASI RADHAKRISHNAN DURGA PRASAD
INDIAN NATIONAL, 174 DEFENCE OFFICERS' COLONY,
MADRAS-600 097, TAMIL NADU, INDIA

Inventors: 1. KASI RADHAKRISHNAN DURGA PRASAD

Application No:702/MAS/1996 filed on 30th April 1996

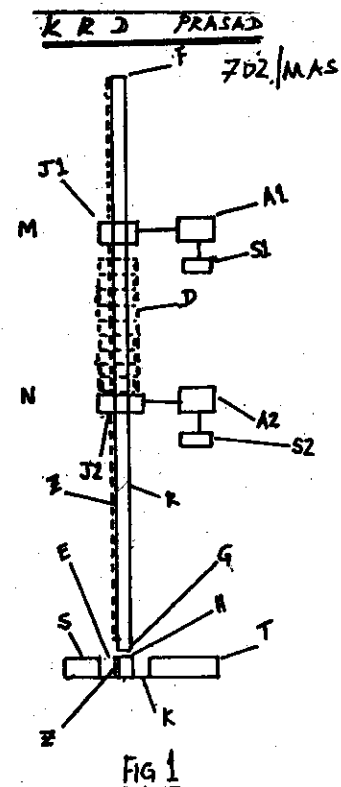
Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003),
Patent Office, Chennai Branch.

7 Claims

A device for feeding internally locatable machine components and the like to a specified point, comprises a rod on which the said components are internally locatable; a slidable table, the top surface of which is provided with a slot disposed below the bottom end of the rod, the slot accommodating a component locator, the distance between the bottom end of the rod and the base of the slot being greater than the thickness of a component, while the distance between the said surface and the bottom end of the rod is less than the said thickness, thereby leaving a gap, of width less than the said thickness, between the said surface and the bottom end of the rod; at least two jaws, namely first and second

jaws, for alternately gripping and releasing the rod, at two spaced points thereon, for enabling said components to be internally located on the rod and, thereafter, fed singly, into the slot, to engage with the locator therein, the table then sliding away, with the component, to a pick up point, before returning to its original position, to repeat the operation; at least two sensors for allowing only a predetermined number of components to enter the buffer zone (between the first jaw and the second jaw) and the feeding zone (between the second jaw and the bottom of the rod) respectively; and a microprocessor based system connected to the circuit of the jaws, the table and the sensors for controlling the operation thereof.

Comp.Specn. 12 Pages; Drgs 1 Sheets.



Ind.Cl.:271

193257

Int.Cl⁷:B 65 B 53/00, B 29 C 41/00, B 32 B 31/26

"A METHOD OF MAKING A DIMENSIONALLY HEAT RECOVERABLE
TUBULAR ARTICLE"

Applicant: N V RAYCHEM S A,
DIESTSESTEENWEG 692,
3010 KESSEL - 10,
BELGIUM (ABELGIAN COMPANY) (AW4)

Inventors: 1. JOHANNES MARIA CORDIA
2. ROBERT L SEIDEL
3. ROBERT RITTER

Application No919/MAS/1996 filed on 30th May 1996

Convention No.9510943.4 on, 31st May 1995 in GREAT BRITAIN

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)
Patent Office, Chennai Branch.

04 Claims

A method of making a dimensionally heat recoverable tubular article comprising a spirally-wrapped, cross-linked polymeric sheet comprising polyethylene, overlapping layers of the cross-linked sheet having been directly fused to each other to form a consolidated tubular article, the consolidated tube having a thickness of at least 2.2 mm comprising: (i) spirally wrapping a cross-linked, heat recoverable polymeric sheet comprising polyethylene to form a tubular configuration comprising two or more overlapping layers of the spirally wrapped sheet; (ii) positioning the wrapped sheet to surround a support mandrel; and (iii) heating the sheet to a temperature sufficient to cause direct fusion between the adjacent cross-linked over-lapped layer of the sheet.

Comp.Specn. 24 Pages; Drgs 03 Sheets.

Ind.Cl.:129 Q.

193258

Int. Cl.⁷:B23K-37/04;B23Q-3/04.**"AN APPARATUS FOR HOLDING A WORKPIECE."**

Applicant: HONDA GIKEN KOGYO KABUSHIKI KAISHA
A JAPANESE CORPORATION, OF 1-1
MINAMI-AOYAMO 2-CHOME,
MINATO-KU, TOKYO,
JAPAN.

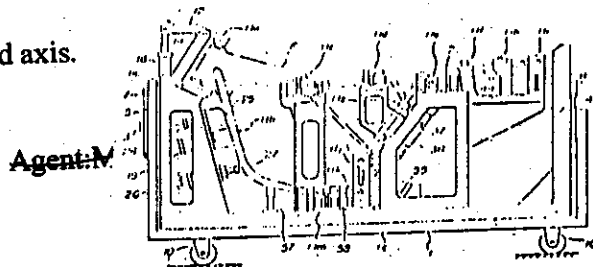
Inventors: 1. YASUHIRO NISHI.

Application No 1141/MAS/95. filed on 4-Sep-95.

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)
Patent Office, Chennai Branch.

6. Claims

An apparatus for holding a workpiece, comprising a support base, a swingable mount supported on said support base for holding a workpiece thereon, and holding means mounted on said swingable mount for holding the workpiece; characterized in that said support base and said swingable mount are horizontally elongate in the same direction, said swingable mount being supported on said support base by a pair of pivot shafts at longitudinal ends thereof for angular movement about an axis extending between said pair of pivot shafts, said support base having clamping means for fixing said swingable mount in a selected angular position to said support base, and said swingable mount with the workpiece held thereon having a specific gravity positioned slightly lower than the vertical position of said axis.



Comp.Specn. 20. Pages; Drgs 11. Sheets.

Ind.Cl..

62 E

193259

Cl.7

D 06 F - 13/00

D 06 F - 39/08

"AN AUTOMATIC WASHING MACHINE"

APPLICANT(S) :

KABUSHIKI KAISHA TOSHIBA
OF 72 HORIKAWA-CHO
SAIWAI-KU, KAWASAKI-SHI
KANAGAWA-KEN, JAPAN
A CORPORATION OF JAPAN.

INVENTOR(S) :

1. MASATSUGU WADA

Application No.

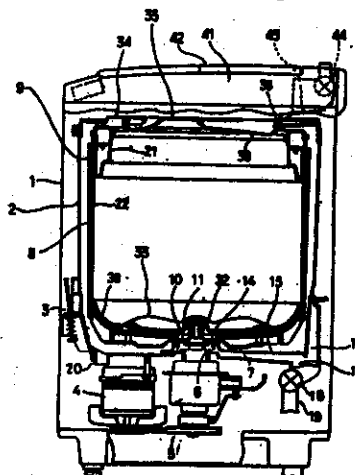
1051 MAS 95

filed on 17-Aug-95

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS
(RULE 4 , PATENTS RULES 2003) PATENT OFFICE, CHENNAI BRANCH.

6 CLAIMS

An automatic washing machine characterized by an outer tub having an upper opening; a rotatable tub provided for rotation about a vertical axis in the outer tub and having a circumferential wall formed with a dehydrating hole only in an upper portion thereof so that the rotatable tub is substantially imperforate; an agitator provided in the rotatable tub; an inner lid provided so as to open and close the upper opening of the outer tub, the inner lid having a showering hole formed in a predetermined portion thereof; water-supply means for supplying water to the inner lid so that the water is showered from the showering hole of the inner lid into the rotatable tub; and control means for sequentially executing a wash step and a rinse-with-dehydration step as herein described.



COMP. SPECN.: 26 PAGES DRAWINGS:10 SHEETS.

Ind.Cl.:25 B

193260

Int.Cl⁷:C 04 B 33/26**"A CORUNDUM PORCELAIN COMPOSITION"**

Applicant: CERAM TEC AG INNOVATIVE CERAMIC ENGINEERING
OF D-95 100 SELB,
FEDERAL REPUBLIC OF GERMANY
A GERMAN COMPANY
GERMANY

Inventors: 1. GUNTER FASSBINDER.

Application No 1424/MAS/1995 filed on 2/11/95

Convention No. P 4442409.4 ON, 29.11.94 GERMANY

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003),
Patent Office, Chennai Branch.

14. Claims

A corundum porcelain composition comprising from 60 to 94% by weight of a component A and from 6 to 40% by weight of a component B, in each case based on the total weight of all inorganic starting materials in the dry state, wherein component A comprises from 0 to 70% by weight of alumina, from 20 to 70% by weight of clay material, from 10 to 50% by weight of glass formers, and from 0 to 30% by weight of quartz, in each case based on the total weight of the inorganic starting materials of the component A in the dry state, and component B comprises comminuted broken porcelain, wherein the chemical composition of the mixture of the components A and B comprises from 20 to 75% by weight of SiO₂, from 15 to 80% by weight of Al₂O₃, and from 2 to 10% by weight of flux selected from the group consisting of K₂O, Na₂O, FeO, MgO, CaO, Li₂O, BaO, SrO, ZnO, and fluoride, and wherein the comminuted broken porcelain has a mean particle size between 25 and 800 µm.

Comp.Specn. 29 Pages; Drgs NIL Sheets.

Ind.Cl.: 128 H

193261

Int.Cl⁷: A 61 F 13/16**"A MULTILAYER FILM"**

Applicant: KIMBERLY -CLARK WORLDWIDE INCORPORATED
OF 401 N. LAKE STREET, NEENAH
WISCONSIN 54956,
AN US COMPANY
US

Inventors: 1. ANN LOUISE MCCORMACK
2. KEVIN GEORGE HETZLER

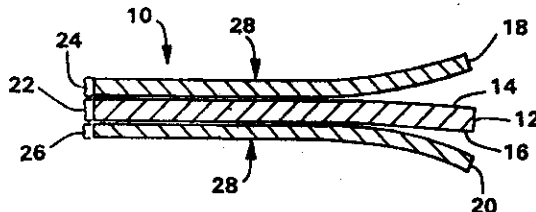
Application No: 1605/MAS/1995 filed on 6th Dec 1995

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)
Patent Office, Chennai Branch.

11. Claims

A multilayer film for products such as personal care absorbent articles, laminates surgical gowns and clothing, said multilayer film comprising: a core layer made from an extrudable thermoplastic polymer, said core layer having a first exterior surface and a second exterior surface, and wherein said core layer contains filler and has a plurality of voids around said filler; a first skin layer attached to said first exterior surface of said core layer to form said multilayer film, said multilayer film defining an overall thickness, and said first skin layer defining a first skin thickness, said first skin thickness comprising less than about ten percent of said overall thickness, said overall thickness not exceeding about 30 micrometers and wherein said multilayer film is a liquid barrier and has a WVTR of at least 300g/m²/24 hours.

Reference to : US 5261899, 4522 203, 4494629, 4734324, 3676242, 3849241, 4340563,
3692618, 4041203, 3338992, 3802817, 3341394, 3276944, 3502538, 3502763, 3542615,
can: 803714

**FIG. 1**

Comp.Specn. 29 Pages; Drgs 2 Sheets.

Ind.Cl.:855

193262

Int.Cl⁷:F 22 G 3/00; F 28 F 01/04**"A FURNACE SUPERHEATER"**

Applicant: FOSTER WHEELER ENERGIA OY
OF SENTNERIKUJA 2,
00440 HELSINKI,
A FINNISH COMPANY,
FINLAND

Inventors: 1. Pertti JANTTI
2. Taisto SEPPONEN

Application No:1376/MAS/1995 filed on 25th October 1995

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)
Patent Office, Chennai Branch.

10 Claims

A furnace superheater (24), comprising a number of tube elements (36) mounted to each other in such a way that they form a planar surface, said tube elements have a cross section which has atleast two substantially parallel planar sides, characterized in that the tube elements are mechanically joined to each other.

Comp.Specn. 14 Pages; Drgs 4 Sheets.

Ind.Cl.:40 B

193263

Int.Cl⁷:B 01 J 38/10**"A PROCESS FOR ACTIVATION OF A FISCHER-TROPSCH CATALYST"**

Applicant: SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.,
of Carel Van Bylandtlaan 30, 2569 HR The Hague,
a Company organized under the laws of
the Netherlands, a Research Company,
The Netherlands

Inventors: 1. Franciscus Gerardus Van Dongen
2. Jacobus Eilers
3. Mathijs Maria Gerardus Senden

Application No:1563/MAS/1995 filed on 29th November 1995

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)
Patent Office, Chennai Branch.

7 Claims

A process for activation of a Fischer-Tropsch catalyst packed in a bed or for re-activation of an at least partially deactivated Fischer-Tropsch catalyst packed in a bed by contacting the catalyst prior to operation with a reducing gas such as herein described at a temperature below 500°C, wherein the reducing gas is passed through the catalyst bed in a direction reversed to the direction of the flow of reactants during operation.

Reference to : US-A-4,413,064; EP-A-0,168,894

Comp.Specn. 22 Pages; Drgs 1 Sheets.

Ind.Cl.: 32 E

193264

Int.Cl⁷: C 08 F 10/00; C 08 F 4/64**"A PROCESS FOR PRODUCING ULTRA HIGHMOLECULAR WEIGHT POLYMERS OF OLEFINS"**

Applicant: TICONA GMBH
OF AN DER B43, 65451
KELSTERBACH
A GERMAN COMPANY GERMANY

Inventors: 1. DIETER BILDA
2. LUDWIG BOHM

Application No471/MAS/2001 filed on 13th Jun 2001

Patent of Addition to Application No: 461/MAS/1995 Dated: 18th April 1995

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)
Patent Office, Chennai Branch.

4. Claims

A process for producing ultra high molecular weight polymers having a molecular weight M_w equal or greater than 1.10^6 g/mol by polymerising ethylene and/or 1 - olefins either in suspension or in the gas phase comprising the steps of polymerising the same under known polymerization conditions in the presence of a mixed catalyst system consisting of component A and an organoaluminum compound such as herein described wherein said component A is prepared by reacting in a first reaction step (a) a magnesium compound of the formula I



wherein R^1 and R^2 are identical or different, and are each a $C_1 - C_{20}$ alkyl radical, a $C_3 - C_{20}$ cycloalkyl radical, a $C_4 - C_{20}$ - alkenyl radical with a halogenating agent of the formula II



where X is a halogen atom, n is 3 and R^3 is a hydrogen atom, a $C_1 - C_{20}$ alkyl radical, a $C_3 - C_{20}$ cyclo alkyl radical, a $C_4 - C_{20}$ aryl radical, or a $C_2 - C_{20}$ alkenyl radical to produce a catalyst support consisting predominantly of a compound of the formula III



where X is a halogen atom, reacting said catalyst support in a second reaction step (b) with a hydrocarbon soluble titanium compound of the formula IV



where R^4 and R^5 are identical and are each a halogen atom, a $C_1 - C_6$ alkoxy group, or $C_1 - C_{20}$ carbonyl radical, and m is a number from 0 to 4, in an inert hydrocarbon medium at a temperature from 0 to 100°C in a molar ratio of Ti:Mg of from 0.01 to 1; a known electron donor in an amount of from 0.01 to 1 mol per mol of said Magnesium compound of formula III being present in one of the reaction steps (a) or (b), reducing the dissolved titanium compound of formula IV with a known aluminum alkyl to precipitate the same on said catalyst support, said precipitate having a particle size of $< 10 \mu m$ and a particle distribution of $D_m/D_n \leq 1.20$ wherein D_m and D_n represent mass average diameter and number average diameter and thereafter recovering the polymer produced in a known manner.

Reference to : INDIAN PATENT APPLICATION NO: 461/MAS/1995

Comp.Specn. 23 Pages; Drgs NIL Sheets.

Ind. Cl. : 32 F 3(d) 193265
Int. Cl.⁷ : C 07 D 257/06; C 07 D 239/10

"A NOVEL FOR PREPARATION OF -N-BUTYL-3-[[2'-(1H-TETRAZOL-5-YL) [1, 1'-BIPHENYL]-4-YL]METHYL]-1, 3-DIAZASPIRO [4, 4] NON-1-EN-4-ONE"

Applicant : DR. REDDY'S LABORATORIES LIMITED
AN INDIAN HAVING COMPANY HAVING ITS
REGISTERED OFFICE AT 7-1-27, AMEERPET;
HYDERABAD, ANDHRA PRADESH, 500016 INDIA.

Inventor : I. REGURI BUCHI REDDY

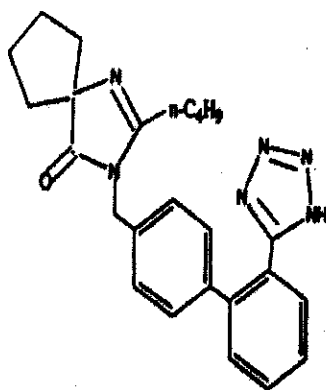
Application No. 727/MAS/2001 filed on 4th September 2001.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 2003), Patent Office, Chennai Branch.

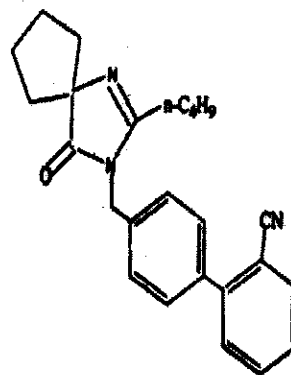
8 Claims

A novel process for preparation of 2-n-butyl-3-[[2'-(1H-tetrazol-5-yl) biphenyl-4-yl] methyl]-1, 3-diazospiro [4, 4] non-1-en-4-one of Formula-I comprises:

- reacting 2-n-butyl-3-[(2'-cyano biphenyl-4-yl) methyl]-1, 3-diazospiro [4, 4] non-1-en-4-one of Formula-II with sodium azide using an aliphatic amine selected from trialkyl amines wherein the alkyl group consists of C₁-C₈ carbon atoms, preferably C₂-C₄ carbon atoms such as triethylamine or tributylamine, more preferably triethylamine and acetic acid in a solvent such as anisole at 50-150°C, preferably 130-135°C till the reaction substantially completes;
- cooling the reaction mixture to room temperature;
- extracting with an aqueous base solution selected from sodium hydroxide, potassium hydroxide, sodium carbonate, or potassium carbonate, preferably sodium hydroxide solution;
- separating the aqueous base solution from the resulting biphasic mixture and washing with an organic solvent selected from hexane, cyclohexane, toluene, xylene, ethyl acetate, dichloroethane, dichloromethane or chloroform, preferably toluene;
- adjusting the pH of the aqueous base solution with an acid selected from hydrochloric acid, sulfuric acid or acetic acid, preferably acetic to 4.0 to 6.0, preferably 5.0;
- stirring the mass till the solid substantially separates;
- filtering the separated solid and accompanied by drying resulted the compound of Formula-I.



Formula-I



Formula-II

Reference to: US Patent No. 5270317; 5559233

(Comp. Specn. 11 Pages;

Drgs. Nil Sheet)

Ind.Cl.: 32 F 3 (a)

193266

Int.Cl⁷: C 07 C 143/00

**"AN IMPROVED PROCESS FOR PREPARING A SULFONATED
FATTY ACID ESTER SURFACTANT"**

Applicant: THE CHEMITHON CORPORATION
OF 5430 W MARGINAL WAY
S W., SEATTLE, WASHINGTON 98106-1598
A WASHINGTON CORPORATION
USA

Inventors: I. KEITH D HOVDA

Application No240/MAS/2000 filed on 27th Mar 2000

Convention No.08/123,448 on, 17th Sept 1993 in US

Patent of Addition to Application No: 628/MAS/1994 Dated: 14th July 1994

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)
Patent Office, Chennai Branch.

20 Claims

An improved process for preparing a sulfonated fatty acid ester surfactant comprising the steps of:

(a) sulfonating a fatty acid ester thereby producing a crude sulfonic acid ester;

(b) reacting the crude sulfonic acid ester with a bleaching agent and an alcohol; and

(c) neutralizing the product formed in step (b);
wherein

the improvement comprises performing step (b) with at least about 21 wt % alcohol addition based upon the crude sulfonic acid ester weight.

Reference to : Indian Patent 185833 US Patent 39997575

Comp.Specn. 54 Pages; Drgs NIL Sheets.

Ind.Cl.: 32 F₂ B

193267

Int.Cl⁷: A 61 K 31/545; C 07 D 501/00

"A PROCESS FOR THE PREPARATION OF BETA-LACTAM
ANTIBIOTIC-POLYSACCHARIDE COMPLEX"

Applicant: ORCHID CHEMICALS & PHARMACEUTICALS LTD
AN INDIAN COMPANY FORMED AND REGISTERED UNDER THE
COMPANIES ACT, 1956 AND HAVING ITS REGISTERED OFFICE
AT NO.1,6th FLOOR, CROWN
COURT, 34, CATHEDRAL ROAD, CHENNAI 600 086, TAMIL NADU
INDIA

Inventors: 1. PRASANTA KUMAR CHAKRABARTI
2. CANAKAPALLI BHAKTAVATSALA RAO

Application No 730/MAS/1999 filed on 12th July 1999

Complete specification Left 12th Oct 2000

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)
Patent Office, Chennai Branch.

9 Claims

A process for preparing Beta-lactam antibiotic polysaccharide complex comprising the steps of:

- i) reacting a Beta-lactam ring containing antibiotic compound such as hereindescribed with a polysaccharide in the presence of a solvent at room temperature,
- ii) adding a buffer such as hereindescribed to adjust the pH, and
- iii) recovering Beta-lactam antibiotic-polysaccharide complex from the solution as a dry solid by lyophilization at a temperature ranging between -40°C to 35°C.

Ref: Indian Application No.730/MAS/1999

Text:29 Pages; Drgs 17 Sheets.

Ind.Cl.: 32 A 2

193268

Int.Cl⁷: C 09 B 67/28; 67/06

**"A STABLE GRANULAR LEUCOINDIGO COMPOSITION AND A
PROCESS FOR PREPARING THE SAME"**

Applicant: BASF AKTIENGESELLSCHAFT
A GERMAN JOINT STOCK COMPANY ORGANISED AND
EXISTING UNDER THE LAWS OF THE FEDERAL REPUBLIC OF
GERMANY OF 67056 LUDWIGSHAFEN,
FEDERAL REPUBLIC OF GERMANY
GERMANY

Inventors: 1. MANFRED GANG 4. HARALD SCHLUTER
2. RUDOLF KRUGER 5. PETER SCHULTZ
3. PETER MIEDERER 6. MANFRED R WOLF

Application No 136/MAS/1996 filed on 29th Jan 1996

Convention No. 19502968.2 on, 31st Jan 1995 in GERMANY

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)
Patent Office, Chennai Branch.

8. Claims

A stable granular leucoindigo containing composition consisting essentially of leucoindigo or leuco forms of indigo derivatives, hydrosulfite and alkali metal hydroxide, wherein said leucoindigo preparation comprises about <4% by weight of unreduced indigo and said granules are mainly spherical particles having a mean particle size from 0.1 to 2 mm.

Comp.Specn. 15 Pages; Drgs NIL Sheets.

Ind.Cl.:32F3b / 56

193269

Int.Cl.:B01D 3/36; C07C 53/08

"PROCESS FOR PURIFYING ACETIC ACID"

Applicant: SHOWA DENKO K.K.,
A JAPANESE COMPANY
OF 13-9 SHIBADAIMON 1-CHOME
MINATO-KU, TOKYO JAPAN

Inventors: 1. TAKAHARU SASAKI
2. MASAYUKI FUJIMOTO
3. TAKASHIGE MIYANARI
4. HIROSHI NISHINO

Application No.369/MAS/1996 filed on 08th MARCH 1996

Convention No.7-254004 on, 29th SEP 1995 in JAPAN

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)

Patent Office, Chennai Branch.

7 Claims

A process for purifying acetic acid which comprises:

introducing a feedstock aqueous solution of acetic acid having an acetic acid concentration of from 10 to 50% by weight into an extractor;

supplying an extracting medium containing isopropyl acetate in an amount from 0.6 to 3.0 times by weight the amount of said feedstock solution thereinto in such a manner that said extracting medium is made in contact with said feedstock solution;

extracting acetic acid into said extracting medium;

separating said extracting medium containing acetic acid from an extraction residue;

supplying said extraction medium containing acetic acid into an azeotropic distillation column;

distilling off said isopropyl acetate contained in said extraction medium from a top of said azeotropic distillation column via azeotropic distillation with water;

condensing a distillate from said top of said azeotropic distillation column, to divide said distillate into a water-poor phase being rich in isopropyl acetate and a water-rich phase being rich in water;

returning at least a portion of said water-poor phase into said extractor as said extracting medium; and

recovering said acetic acid, which has been thus dehydrated and purified, from a bottom of said azeotropic distillation column.

Reference to : US 4143066US 2175876

Comp.Specn. 44 Pages; Drgs 2 Sheets.

Ind.Cl.:32 F 3 (b)

193270

Int.Cl⁷:C 07 D 211/00

"An improved process for the preparation of anhydrous crystalline Form-I of 4-[4-(Hydroxy diphenylmethyl)-1-Piperidinyl]-1-hydroxybutyl]- α , α -Dimethylbenzene acetic acid hydrochloride (Fexofenadine hydrochloride)"

Applicant: DR. REDDY'S LABORATORIES LIMITED,
an Indian Company having its registered office at
7-1-27, Ameerpet, Hyderabad,
Andhra Pradesh,
India 500 016

Inventors: 1. Satyanarayana Reddy Manne
2. Thirumalai Rajan Srinivasan
3. Venkata Bhaskara Rao Uppala

Application No:859/MAS/2001 filed on 19th October 2001

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)
Patent Office, Chennai Branch.

2 Claims

An improved process for the preparation of anhydrous ory crystalline Form-I of 4-[4-(hydroxydiphenylmethyl) -1- piperidinyl]—1-hydroxybutyl]- α , α -dimethylbenzene acetic acid hydrochloride (Fexofenadine Hydrochloride) by a process, which comprises:

- a. suspending the crystalline Form-A of 4-[4- [4- hydroxydiphenylmethyl] -1- piperidin-yl]- α , α - dimethylbenzene acetic acid (Fexofenadine) or Fexofenadine base in ketone solvents selected from methyl isobutyl ketone or acetone, preferably acetone OR aliphatic cyclic ethers selected from tetrahydrofuran, 1,4-dioxane, preferably tetrahydrofuran;
- b. adjusting the pH of the suspension of step a) to ≤ 2 with gaseous hydrogen chloride or isopropanolic hydrogen chloride;
- c. optionally seeding the reaction mixture of step b) with crystalline Form-I of Fexofenadine hydrochloride;
- d. stirring the reaction mixture of step b) or step c) at a temperature of 25-40°C;
- e. isolating the anhydrous crystalline Form-I of 4-[4- [4-(hydroxydiphenylmethyl) -1- piperidinyl]—1-hydroxybutyl]- α , α -dimethylbenzenes acetic acid hydrochloride by conventional methods.

Ind.Cl : 156 193271

Int. Cl.⁷ : F 04 B 47/12

Title : "HYDRAULIC RAM"

Applicant : KARL OBERMOSER, OF BRUNNACKER STRASSE 10, 90592 LINDELBURG, GERMANY.

Inventor : KARL OBERMOSER.

Application no. 619/CAL/1997 FILED ON 09/04/1997.
(CONVENTION APPL. NO. 19615689.0-15 ON 19/04/1996 IN GERMANY)

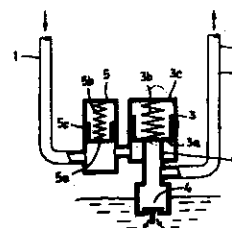
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

09 CLAIMS.

Hydraulic ram, comprising:

- a propellant water conduit (1) supplied with propellant water (at 3a)
- a feed pipe (2) connectable to feedwater via a bottom valve (4),
- a ram valve (3), communicating with said propellant water conduit (1) and a feed pipe (2), said propellant water flows into said feed pipe on opening of said ram valve (3) and, on closure of said ram valve, the water column flowing in the feed pipe 'sucks-in' feedwater via said bottom valve (4), characterized in that said ram valve (3) is held in its closed position, separating the propellant water conduit from the feed pipe, by resilient force, and a pressure reservoir (5) is connected to the propellant water conduit upstream of the ram valve (3) when viewed with respect to the direction of flow and wherein, a valve element (4b) of the bottom valve (4) having an annular configuration being axially displaceable and being connected in a sealed manner to the feed pipe, the effective cross-section of this connection being greater than the cross-section of a valve seat (4a) of the bottom valve (4), and the valve (3) and the valve seat (4a) of the bottom valve (4) being mechanically connected for the transmission of kinetic energy.



Complete Specifications : 21 pages.

Drawings: 02 sheets

Ind.Cl : 47 C & E 193272
Int. Cl.⁷ : C 10 B 25/10
Title : "COKING VESSEL UNHEADING DEVICE AND SUPPORT STRUCTURE"
Applicant : FOSTER WHEELER USA CORPORATION, AT PARRYVILLE CORPORATE PARK, CLINTON, NEW JERSEY, 08809-4000, U.S.A.
Inventor : 1. ALLEN S. MALSBUY, 2. RONALD T. MYZKA, 3. JOSEPH A. KALINOSKY.
Application no. 1267CAL/1997 FILED ON 03/07/1997.
(CONVENTION APPL. NO. 08/683,844 ON 19/07/96 IN U.S.A.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

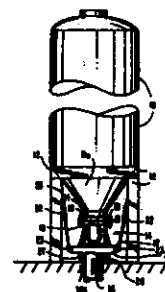
06 CLAIMS.

An unheading device for a vertical coking vessel supported by a support structure for the coking vessel, said device comprising :

- a head unit (14) adapted for removable attachment to a lower flanged opening (13) of said vertical vessel (10);
- a lifting frame unit (20) adapted for supporting said head unit (14) during movement thereof; and
- multiple elongated vertically extendable actuators (22) with its upper and lower ends attached to and supporting said lifting frame unit, and capable of moving the lifting frame so as to mate and unmate the head unit to and from the lower flanged opening of said coking vessel;

characterized in that,

- said actuators are attached to said lifting frame at their lower ends and to the stationary support structure (12) at their upper ends, whereby the loads from the head unit and lifting frame transferred by the actuators are borne by the stationary support structure (12) and not by the coking vessel.



Complete Specifications : 14 pages.

Drawings: 06 sheets

Ind.C] : 107 L 193273

Int. Cl.⁷ : F 02 M 15/04, 15/06

Title : "HEATER FOR PREVENTING ICING OF CARBURETOR"

Applicant : KEIHIN CORPORATION, OF 3-17, SHINJUKU 4-CHOME, SHINJUKU-KU, TOKYO, JAPAN.

Inventor : KURE TAKEO

Application no. 103/CAL/2002 FILED ON 22/02/2002..
(CONVENTION APPL. NO. 2001-050112 ON 26/02/2001 IN JAPAN)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

03 CLAIMS.

A heater for preventing icing of a carburetor, comprising :

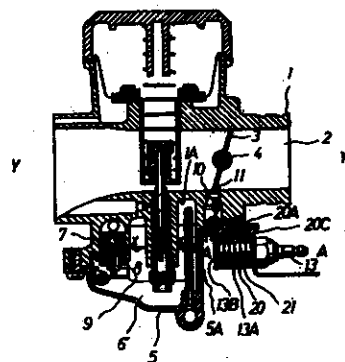
a carburetor main body in which an intake passage is pierced sideward ;

a throttle valve for controlling so as to open and close the intake passage ;

a bypass hole open to an inner portion of the intake passage so as to face to an end portion of the throttle valve from a bypass chamber recessed along a longitudinal axial direction of the intake passage ; and

a float chamber in which a fixed fuel liquid surface is formed in an inner portion by a lower recess portion of the carburetor main body and a float chamber main body arranged so as to oppose thereto,

wherein a longitudinal axial line A-A of an electric heater (13) is arranged substantially in parallel to the longitudinal axial direction (Y-Y) of the intake passage (2) and the fuel liquid surface (X-X) ; and the electric heater is integrally formed with the float chamber main body, and attached to a heater mounting boss (20) formed substantially in parallel to the longitudinal axial direction (Y-Y) of the intake passage (2), and a heat insulating space portion (Z) is provided between a front end portion (20A) of the heater mounting boss (20) and a side wall (5A) of the float chamber main body (5).



Complete Specifications : 16 pages.

Drawings: 02 sheets

Ind.Cl : 206 G 193274

Int. Cl.⁷ : H 04 N 9/77

Title : "A SYMBOL TIMING RECOVERY CIRCUIT OF A DIGITAL TELEVISION"

Applicant : SAMSUNG ELECTRONICS CO. LTD., OF 416, MAETAN-DONG, PALDAL-GU, SUWON-CITY, KYUNGKI-DO, KOREA.

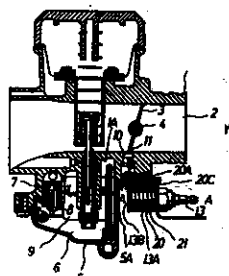
Inventor : KI-BUM KIM.

Application no. 997/CAL/1996 FILED ON 31/05/1996.
(CONVENTION APPL. NO. 15219/1995 ON 09/06/95 IN KOREA)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)
PATENT OFFICE KOLKATA.

05 CLAIMS.

A symbol timing recovery circuit of a digital television, comprising: analog-to-digital converter (10) for sampling a received analog signal by a symbol clock to be converted to digital data; demodulator (20) for recovering a carrier wave, demodulating said digital data to a baseband signal and generating signal; segment synchronizing signal detector (40) for detecting a segment synchronizing signal from said segment signal; phase error detector (50) for receiving said segment signal and detecting a phase error of synchronizing symbols of said segment synchronizing signal, said phase error detector (50) being activated by said segment synchronizing signal; and symbol clock phase adjustor (60) for adjusting the phase of said symbol clock according to said phase error of said synchronizing symbols to be supplied to said analog-to-digital converting means as said symbol clock.



Complete Specifications : 15 pages.

Drawings: 04 sheets

Ind.Cl : 206 E 193275
Int.Cl.⁷ : G 05 F 1/10, H 01 L 25/00
Title : "A CIRCUIT CONFIGURATION FOR GENERATING A REFERENCE POTENTIAL"
Applicant : SIEMENS AKTIENGESELLSCHAFT, OF WITTELSBACHERPLATZ 2, 80333 MUNCHEN, GERMANY.
Inventor : 1. DR. STEPHAN WEBER, 2. UDO MATTER, 3. DR. STEFAN HEINEN.
Application no. 1116/CAL/1997 FILED ON 19/06/1997.
(CONVENTION APPL. NO. 19624676.8 ON 20/06/1996 IN GERMANY)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

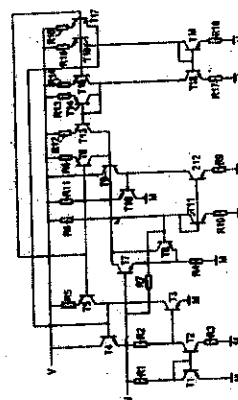
PATENT OFFICE KOLKATA.

10 CLAIMS.

Circuit configuration for generating a reference potential

having a first transistor (T1), whose emitter is connected to a reference-earth potential (M) and whose base and collector are connected upto one another, having a second transistor (T2), whose base is connected to the base of the first transistor (T1), having a first resistor (R1), which is connected between the collector of the first transistor (T1), and an output terminal (U) for tapping off the reference potential, having a second resistor (R2), which is connected between the collector of the second transistor (T2) and the output terminal (U) having a third resistor (R3), which is connected between the emitter of the second transistor (T2) and the reference-earth potential (M) having a third transistor (T3), whose base is connected to the collector of the third transistor (T2) and whose emitter is connected to the reference-earth potential (M), having a fourth transistor (T4), whose collector is connected to the supply potential (V), whose emitter is connected to the output terminal (U) and whose base is connected to the collector of the third transistor (T3), a first current source (R5, T5) being connected between the base and the collector of the fourth transistor (T4),

characterized in that a second current source (T17, R16), which is connected is parallel with the first current source (R5, T5) being provided to generate a compensation current for compensating for the current fluctuations of the first current source (R5, T5).



Complete Specifications : 13 pages.

Drawings: 02 sheets

Ind.Cl : 206 F 193276

Int. Cl. : H 04 J 3/12, 1/14

Title : "A METHOD OF PROVIDING AN OVERLAY SHORT MESSAGING SERVICE IN A MOBILE SATELLITE COMMUNICATION SYSTEM"

Applicant : COMSAT CORPRATION, OF 6560, ROCK SPRING DRIVE,
BETHESDA, MARYLAND 20817, U.S.A.

Inventor : DILIP GOKHALE.

Application no. 1207/CAL/1997 FILED ON 24/06/1997.
(CONVENTION APPL. NO. 08/668, 822 ON 24/06/1996 IN U.S.A.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

21 CLAIMS.

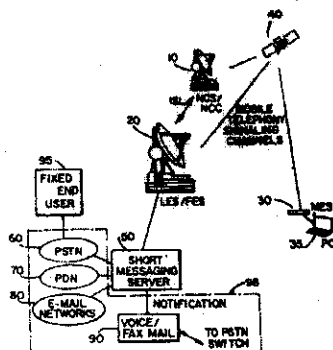
A method of providing an overlay short messaging service in a mobile satellite communication system having a land earth station which communicates with a mobile earth station via a satellite, said method comprising the steps of:

selecting a short messaging service; and

transmitting a short message from one of said land earth station or said mobile earth station via said satellite to the other of said land earth station or said mobile earth station;

wherein during said step of transmitting, said short message is transmitted in one of a plurality of out-of-band signalling channels at a time when no signalling information is being transmitted; and

wherein said step of transmitting a short message comprises the step of identifying whether the transmission involves one of a transfer of said short message from said land earth station to said mobile earth station or a transfer of said short message from said mobile earth station to said land earth station.



Complete Specifications : 17 pages.

Drawings: 07 sheets

Ind.Cl : 144 E2 193277
Int. Cl.⁷ : C 03 C 17/34, 17/22, 17/36, C 23 C 16/34
Title : "PROCESS FOR DEPOSITING A THIN LAYER ON A TRANSPARENT
SUBSTRATE OF THE GLASS SUBSTRATE TYPE"
Applicant : SAINT-GOBAIN VITRAGE, LES MIROIRS, 18, AVENUE D'ALSACE
92400 COURBEVOIE, FRANCE.

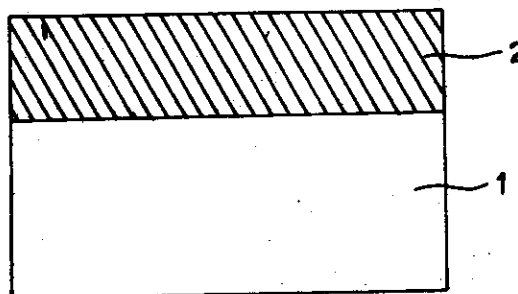
Inventor : LAURENT JORET
Application no. 168//CAL/1998 FILED ON 02/02/1998.
(CONVENTION APPL. NO. 97 01468 ON 10/02/97 IN FRANCE.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

08 CLAIMS.

Process for depositing a thin layer (2) on a transparent substrate (1) of the glass substrate type carried out by means of a gas-phase pyrolysis technique using at least two precursors, including at least one silicon precursor such as herein described and at least one nitrogen precursor, characterized in that, at least one nitrogen precursor is in the form of an amine such as herein described.



Complete Specifications : 23 pages.

Drawings: 02 sheets

Ind.Cl : 154, 111, 144A, 1A 193278

Int. Cl.⁷ : C 09 J 7/02, G 09 F 3/02, B 42 D 15/00

Title : "A REMOVABLY RREPLACEABLE LABEL AND MEDICAL CONTAINER HAVING SAID LABEL"

Applicant : WYETH OF FIVE GIRALDA FARMS, MADISON, NEW JERSEY 07940 0874, U.S.A.

Inventor : 1. PAUL ALBERT BROWN, 2. CRAIG ORRIN NORAVELL, 3. LEROY ALFRED JORGENSEN.

Application no. 2046/CAL/1996 FILED ON 27/11/1996.
(CONVENTION APPL. NO. 08/563, 861 ON 29/11/95 IN U.S.A.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

24 CLAIMS.

A removably replaceable label comprising:

an elongated sheet, such as herein described, having a front surface, a rear surface and a first end, a second end, a top edge and a bottom edge.

(a) said sheet comprising a removable portion and a remainder portion, said removable portion and said remainder portion each having identifying indicia printed on a front surface thereof; said rear surface having an adhesive coating, such as herein described, applied thereto, an adhesive reducing coating, such as herein described, being applied to said adhesive coating adjacent to said first end of said elongated sheet; wherein said first end has a tab portion extending from the removable portion thereof, thereby forming a new first end; or

(b) said sheet comprising a removable portion and a remainder portion, said removable portion and said remainder portion each having identifying indicia printed on a front surface thereof; said rear surface having an adhesive coating, such as herein described, applied thereto, an adhesive reducing coating, such as herein described, being applied to said adhesive coating, adjacent to said first end of said elongated sheet; wherein said sheet is made from uniaxially oriented material, such as herein described; or

(c) said sheet comprising a removable portion and a remainder portion, said removable portion and said remainder portion each having identifying indicia printed on a front surface thereof; said rear surface having an adhesive coating, such as herein described, applied thereto, an adhesive reducing coating, such as herein described, being applied to said adhesive coating adjacent to said first end and to a strip of said adhesive coating extending for a predetermined distance toward said second end of said elongated sheet; wherein said first end has a tab portion extending from the removable portion thereof, thereby forming a new first end; or

(d) said sheet comprising a removable portion and a remainder portion, said removable portion and said remainder portion each having identifying indicia printed on a front surface thereof; said rear surface having an adhesive coating, such as herein described, applied thereto, an adhesive reducing coating, such as herein described, being applied to said adhesive coating adjacent to said first end and to a strip of said adhesive coating extending for a predetermined distance toward said second end of

said elongated sheet; wherein said is made from uniaxially oriented material, such as herein described; or

(e) said sheet being made from an uniaxially oriented material, such as herein described, said sheet comprising a removable portion and a remainder portion, said removable portion and said remainder portion each having identifying indicia printed on a front surface thereof, said sheet has a score extending a predetermined distance from one of said first end and said second end toward the other one of said first end and said second end; and said rear surface having an adhesive coating, such as herein described, applied thereto.

Complete Specifications : 13 pages.

Drawings: 02 sheets

Ind.Cl : 193279

Int. Cl.⁷ : B 65 B 29/04

Title : "A METHOD FOR PRODUCING TAGGED PACKETS ANDAN APPARATUS THEREFOR"

Applicant : HINDUSTAN LEVER LIMITED, AT HINDUSTAN HOUSE,
165/166 BACKBAY RECLAMATION, MUMBAI - 400 020,
MAHARASHTRA, INDIA.

Inventor : 1. HARVEY WILLIAM FRANCIS APPELBE
2. THOMAS WILLIAM BAILEY,
3. JAMES GOODWIN.

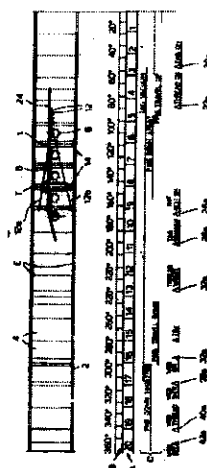
Application no. 2018/CAL/1996 FILED ON 21/11/1996.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

16 CLAIMS.

A method of producing tagged packets in which a series of tags is located in spaced relation on a displaceable carrier, a thread is laid over the tags and lengths of the thread between adjacent pairs of tags are formed in a convoluted pattern substantially co-planar with said adjacent tags of the series, said tags being secured to the drawn-out thread and a web of a packet material being attached to the thread and tags.



Complete Specifications : 16 pages.

Drawings: 04 sheets

Ind.Cl : 85 193280
Int. Cl.⁷ : C 21 C 5/46
Title : "A LANCE FOR INJECTING A FEED MATERIAL"
Applicant : TECHNOLOGICAL RESOURACES PTY. LTD, OF 55, COLLINS STREET, MELBOURNE, VICTORIA 3000, AUSTRALIA.
Inventor : 1. RODNEY JAMES DRY, 2. CECIL PETER BATES, 3. RALPH GOTTFRIED WEBER
Application no. 1315/CAL/1997 FILED ON 11/07/1997.
(CONVENTION APPL. NO. PO 0959 ON 12/07/96 IN AUSTRALIA)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

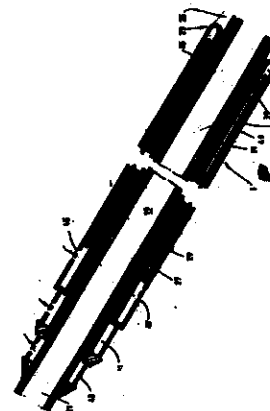
PATENT OFFICE KOLKATA.

15 CLAIMS.

A lance for injecting a feed material into a metallurgical vessel, said lance comprising :

- i. an inlet for introducing the feed material into the lance ;
- ii. an outlet at a forward end of the lance for discharging the feed material from the lance ;
- iii. an outer cooling jacket extending to the forward end of the lance ;
- iv. a hollow elongate member that defines a passageway for the feed material between the inlet and the outlet and having at least two cooling fluid passageways for a first cooling fluid, each cooling fluid passageway having an inlet for the first cooling fluid and an outlet for discharging the first cooling fluid at the forward end of the lance, and one of the cooling fluid passageways being in the form of an annular gap between an outer wall of the member and an inner wall of the outer jacket, and wherein the member extends beyond the outer jacket at the forward end of the lance ; and

means for supporting the member so that the member can move relative to the outer jacket in a lengthwise direction of the lance to maintain initial relative positions of the outer jacket and the member at the forward end of the lance.



Complete Specifications : 18 pages.

Drawings: 01 sheets

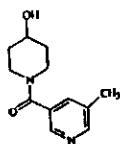
Indian Classification	:	32f(2b)	193281
International Classification ⁴	:	C11D 211/68	
Title	:	"PROCESS FOR THE PREPARATION OF N-(5-METHYLNICOTINOYL)-4-HYDROXYPIPERIDINE"	
Applicant	:	RANBAXY LABORATORIES LTD. a Company incorporated under the Companies Act, 1956 of 19, Nehru Place, New Delhi – 110019. INDIA.	
Inventors	:	YATENDRA KUMAR MOHAN PRASAD SHALENDRA KUMAR SINGH-all Indian	
Kind of Application	:	Complete	

Application for Patent Number 781/DEL/ 2000 filed on 29.08.2000

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Branch, New Delhi – 110 008.

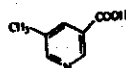
(09 Claims)

A process for the preparation of N-(5-methylnicotinoly)-4-hydroxypiperidine of Formula I,



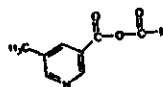
FORMULA I

comprising reacting 5-methylnicotinic acid of Formula III,



FORMULA III

with alkyl chloroformate or pivaloyl chloride to give mixed anhydride of Formula IV,



FORMULA IV

wherein R is alkyl or substituted alkyl preferably methyl, ethyl or tertiary butyl, in a suitable solvent in the presence of an organic base, and further reacting the mixed anhydride of Formula IV with 4 hydroxypiperidine of Formula V,



FORMULA V

to obtain the compound of Formula I.

Indian Classification :- 32 F2 193282

International Classification⁷ :- C 07C 231/02, C 07D 471/04

Title :- "An improved process for the synthesis of N, N-Dimethyl-3-(4-Methyl) benzoyl propionamide, A key intermediate for the synthesis of zolpidem".

Applicant :- Ranbaxy Laboratories Ltd., of 19, Nehru Place, New Delhi - 19, India.

Inventors :- YATENDRA KUMAR – INDIAN
MOHAN PRASAD – INDIAN
ASOK NATH - INDIAN

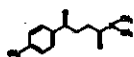
Kind of Application :- COMPLETE

Application for Patent Number 782/del/2000 filed on 29/08/2000

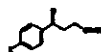
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office, New Delhi Branch - 110 008.

(Claims 9)

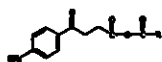
A process for the preparation of N, N-dimethyl-3-(4-methyl) benzoyl propionamide



of Formula I comprising reacting 3-(4-methyl)-benzoyl propionic



acid of Formula IV, wherein Z is methyl, with alkyl chloroformate or pivaloyl chloride in a suitable solvent as herein described in the presence of an organic base as herein described to get mixed anhydride of Formula V



wherein R is alkyl or substituted alkyl and reacting the said



mixed anhydride of Formula V with dimethylamine of Formula VI at a temperature of -25 to 40°C and isolated in a manner as herein described to obtain N, N-dimethyl-3-(4-methyl) benzoyl propionamide of Formula I.

Indian Classification	-	55 E	
International Classification ⁷	-	A 61K 31/00	193283
Title	-	"A novel method of preparing modified Drug release multiple unit system"	
Applicant	-	Ranbaxy Laboratories Limited, at 19, Mehru Place, New Delhi - 19, India.	
Inventors	-	PRATIK - KUMAR - INDIAN RAVIKUMAR - NITHIYANANDAM - INDIAN ASHOK - RAMPAL - INDIAN	
Kind of Application	-	COMPLETE	
Application for Patent Number		1157/del/2002	filed on 15/11/2002

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office, New Delhi Branch - 110 008.

(Claims 26)

A novel method for the preparation of modified drug release multiple unit system comprising modified release units which can be easily compressed into tablet or filed into capsule/sachet without affecting the desired release characteristics of the drug; and wherein each unit comprises - a. a central inert core or drug containing core such as herein described; - b. coated with one or more drug and/or polymer layer (s) such as herein described; and - c. finally coated with a solid waxy layer such as herein described.

Complete Specification	No of Pages	019	Drawings Sheets	NIL
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Indian Classification :- 164 **193284**

International Classification⁷ :- C 02F 1/00

Title :- "An improved process for the treatment of agro Industry effluent".

Applicant :- COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi - 110 001, India.

Inventors :- ASHOK NAGESH GOKARN - INDIAN
ARVIND PURUSHOTTAM JOSHI - INDIAN
NARENDRA VASANT SAKPAL - INDIAN
BHASKAR DATTATRAYA KULKARNI - INDIAN

Kind of Application :- PROVISIONAL/COMPLETE

Application for Patent Number 203/del/1996 filed on 30/01/1996

Complete left after Provisional Specification on 29/11/96

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office, New Delhi Branch - 110 008.

(Claims 7)

An improved process for the treatment of agro industry effluents, which comprises; - (a) treating the biomethanated spent wash (after primary treatment) with 0.175 to 1.5% by wt. of iron salts such as herein described singly or in combination with 0.3 to 1% by wt. of aluminum salts such as herein described to bring out the flocculation of the colored negatively charged particles of spent wash, (b) allowing the flocculated particles to settle, separating the flocs and solid particles by conventional methods such as herein described to obtain pale brown coloured clean effluents, - (c) treating the said effluents obtained in step b) with oxide, hydroxide or carbonate of alkaline earth metal as herein described singly or in combination in the range of 0.1 to 0.5% by wt. to precipitate excess salts added in step a) to remove coloring matter, - (d) separating the precipitate by conventional methods such as herein described, neutralising with mineral acid such as herein described, (e) treating the pale colored liquid from step d) with decolourising agent such as herein described in the range of 0.5 to 1% by wt. for 1 to 15 hrs, (f) optionally separating the decolorizing agent by conventional methods to obtain a colorless and odourless liquid.

Agent

Provisional Specification	No of Pages	8	Drawings Sheets	
Complete Specification	No of Pages	13	Drawings Sheets	NIL

Indian Classification	:	71A	
International Classification ⁴	:	C 14 C3/06	193285
Title	:	"A PROCESS FOR THE PREPARATION OF A TANNING AGENT CONTAINING TITANIUM AND CHROMIUM FOR USING IN LEATHER PROCESSING".	
Applicant	:	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, Rafi Marg, New Delhi-100 001, India, an Indian registered body incorporated under the Registration of Societies Act (Act XXI of 1860).	
Inventors	:	MANICKAM PACKRISAMY DATTAGURU HARIYAPPA KAMAT RAGAVAN CHANDRA SEKAR KRISHNAMURTHY CHANDRASEKARAN NARASIMHAN VIJAYALAKSHMI – ALL INDIAN.	
Kind of Application	:	COMPLETE	

Application for Patent Number 2500/DEL/1996 filed on 15/11/1996.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Delhi Branch, New Delhi – 110 008.

(05 Claims)

A process for the preparation of a tanning agent containing Titanium and Chromium for using in leather processing which comprises:

- i) adding an aqueous dichromate solution to 400-450% by volume of the pre-neutralised masked titanium sulphate solution,
- ii) reducing the hexavalent chromium of dichromate to the trivalent state using an aqueous reducing agent solution as herein described,
- iii) adjusting the pH of the resulting solution formed in step (ii) to 2.0-2.75 by addition of alkali,
- iv) ageing the solution formed in step (iii) for a period of 30-70 hrs, filtering by conventional methods as herein described,
- v) drying the final solution by conventional methods to obtain the product in powder form.

(Complete Specification Pages 13 Drawing NIL Sheets)

Indian Classification	:	48-H	193286
International Classification ⁴	:	C07D-209/86, 209/88	
Title	:	"A COMPOSITION USEFUL FOR DETECTING CARBONDIOXIDE".	
Applicant	:	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH , Rafi Marg: New Delhi-100 001, India, an Indian registered body incorporated under the Registration of Societies Act (Act XXI of 1860).	
Inventors	:	MOHAN LAL MAHATO KRISHNA NARAYAN MONDAL KARUVAPATTY CHAMLYER JAYAPRAKAS BHARAT BHUSHAN DHAR-ALL INDIAN.	
Kind of Application	:	COMPLETE	

Application for Patent Number **1710/DEL/1997** filed on **24/06/1997**.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Delhi Branch, New Delhi – 110 008.

(03 Claims)

A composition useful for detecting carbon dioxide gas which comprises hydrazine hydrate and crystal violet 0.05 to 0.5 wt% solution in absolute alcohol in the ratio of hydrazine hydrate 5 to 20ml. : 100 ml of crystal violet solution in absolute alcohol.

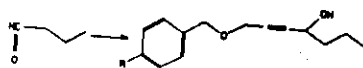
(Complete Specification Pages 05 Drawing NIL Sheets)

Indian Classification	:	55E ₄ ; 32F _{3(a)}	
International Classification ⁴	:	A 61K 31/00.	193287
Title	:	"A PROCESS FOR THE PREPARATION OF SUBSTITUTED 2-HEPTYNE, 4-01-1- (ARYLMETHOXY)".	
Applicant	:	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, Rafi Marg, New Delhi-100 001, India, an Indian registered body incorporated under the Registration of Societies Act (Act XXI of 1860).	
Inventors	:	RADHIKA DILIP WAKHARKAR NIVRUTTI BHAGAWAT BARHATE- BOTH INDIAN.	
Kind of Application	:	COMPLETE	
Application for Patent Number 1564/DEL/1999 filed on 21/12/1999.			

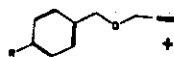
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Delhi Branch, New Delhi – 110 008.

(07 Claims)

A process for the preparation of substituted 2-heptyne, 4-01-1-(arylmethoxy) of the general formula I



as shown in the figure accompanying this specification wherein; R=H, Cl, CH₃ or OCH₃. which dissolving substituted propargyl benzylether of the general formula II



- in a dry ethereal organic solvent such as herein described in the range of (1:2.5mmol/ml) at – 78°C,
- adding conventional lithiating agent such as herein described to this solution, in the range of 10 to 15% of compound of formula II, stirring for a period of 30 to 60 minutes,
 - adding 1 to 1.5 equivalent freshly distilled n-butyraldehyde dropwise, stirring for 2 to 4 hr. at the same temperature,
 - allowing the reaction mixture to cool to room temperature
 - quenching by using compounds such as herein described,
 - extracting with water immiscible organic solvent such as herein described,
 - drying the extract over a dehydrating agent such as herein described, concentrating extract by known methods to dryness to obtain product in crude form,
 - purifying the product by conventional methods to obtain substituted 2-heptyne, 4-01-1-(methoxy).

Indian Classification	:	39N	193288
International Classification ⁴	:	B 32 B15/00; F01 D5/00	
Title	:	"A PROCESS FOR THE PREPARATION OF STABILIZED ZIRCONIA".	
Applicant	:	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH , Rafi Marg, New Delhi-100 001, India, an Indian registered body incorporated under the Registration of Societies Act (Act XXI of 1860).	
Inventors	:	PARTHASARATHY GANGULY SHIVARAM DATTATRAYA SATHAYE IMTIAZ SIRAJUDDIN SATHAYE NARAYANASASTRI NATARAJAN SUGUNA DAYANAND ADYANTHAYA- ALL INDIAN.	
Kind of Application	:	COMPLETE	

Application for Patent Number **195/DEL/1993** filed on **03/03/1993**.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Delhi Branch, New Delhi – 110 008.

(03 Claims)

A process for the preparation of stabilized zirconia which comprises,

- i) mixing a zirconium salt such as zirconium oxychloride or zirconyl nitrate, a 3d transition metal salt and yttrium or calcium oxide in the desired proportion so that the ratio of Zr: A:B (where A is a combination of trivalent metal ions such as Y^{+++} , La^{+++} and other rare-earth ions.; and B is bivalent metal ions such as Ca^{++} , Mg^{++} , Sr^{2+}) would be in the ratio p:q : where p is in the range 0.6 to 0.75, m q is in the range 0.4 to 0.1 and r is in the range 0 to 0.15 with the constraint that $(p+q+r) = 1$
- ii) water acid mixture in the pH range 3 to 7 is added to the said mixture obtained in step(i) so that homogeneous solution is formed.
- iii) adding a precipitating agent such as herein described to the said homogenized solution prepared in step(ii) with continuous stirring to form the respective salts simultaneously such as the hydroxides, carbonates, oxalates of the constituents.
- iv) filtering and washing by known methods the precipitate thus formed to make it free from impurities and drying in oven at a temperature in the range of 100-120°C
- v) calcining the powder obtained in step(iv) at 600°C for a period in the range of 6 to 20 hours to get stabilized zirconia.

(Complete Specification Pages 05 Drawing 01 Sheet)

Indian Classification	:	123: 92D	
International Classification ⁴	:	A 61K 31/00	193289
Title	:	"AN IMPROVED PROCESS FOR PREPARATION OF SEX SPECIFIC AND GENDER NEUTRAL SEMISYNTHETIC AMPLICONS USEFUL FOR SEX DETERMINATION".	
Applicant	:	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, Rafi Marg, New Delhi-100 001, India, an Indian registered body incorporated under the Registration of Societies Act (Act XXI of 1860).	
Inventors	:	PRABHAKAR KAMALAKAR RANJEKAR ANJALI SUNEEL PARASNIS VIDYA SHRIKANT GUPTA- ALL INDIAN.	
Kind of Application	:	COMPLETE	

Application for Patent Number **2377/DEL/1998** filed on **13/08/1998**.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, ²⁰⁰³ 2003) Patent Office Delhi Branch, New Delhi – 110 008.

(07 Claims)

An improved process of preparation of sex specific and gender neutral semisynthetic amplicons useful for sex determination, which comprises, isolating nucleic acids from any part of a papaya plant by conventional methods, amplifying the said nucleic acids in a conventional Random amplification of polymorphic DNA Polymerase Chain Reaction (RAPD-PCR), resolving the amplified products by conventional electrophoresis method, eluting the sex specific, double stranded, amplified product from the gel piece by known methods, synthesizing the single stranded chains of synthetic oligonucleotides from the said double stranded amplified product by known method, amplifying the said single stranded chain of synthetic oligonucleotide in a conventional Polymerase Chain Reaction by using synthetic oligonucleotides as primers to get desired sex specific and gender –neutral semisynthetic amplicons.

(Complete Specification Pages 38 Drawing NIL Sheets)

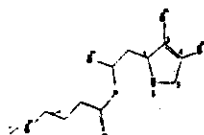
Indian Classification	:	55 E4	193290
International Classification ⁷	:	A61K 31/00	
Title	:	"A PROCESS FOR ISOLATION OF 2-(3,4-DIMETHYL-2,5-DIHYDRO 1 H-PYRROL-2-YL)-1-METHYLETHYL PENTANOATE."	
Applicant	:	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi – 110 001, INDIA, an Indian body incorporated under the Registration of Societies Act (XXI of 1860).	
Inventors	:	GAINDA LAL SHARMA- INDIAN RAJESH – INDIAN MOHAMMAD ALI - INDIAN	
Kind of Application	:	Complete	

Application for Patent Number 1007/Del/2001 filed on 28th Sept. 2001.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003)
Patent Office Branch, New Delhi – 110 008.

(8 Claims)

A process for isolation of 2-(3,4-dimethyl-2,5-dihydro 1 H-pyrrol-2-yl)-1-methylethyl pentanoate of formula I



Formula I

which comprises (i) extracting successively the powdered *Datura metel* plant material with an organic aliphatic solvent such as herein described at a temperature in the range of 15 to 45 °C (ii) removing the solvent to obtain residue (iii) extracting the above said residue obtained in step (ii) with aliphatic hydrocarbon solvent such as herein described followed by extraction with chloroform to obtain chloroform fraction (iv) removing chloroform from chloroform to obtain residue by conventional methods (v) screening the above obtained residue for antimycotic activity by known methods (vi) separating the antifungal fractions and purifying the novel antifungal lead molecule from active antimycotic fractions by chromatographic methods such as herein described (viii) assaying the said antifungal lead molecule for its cytotoxicity to obtain 2-(3,4-dimethyl-2,5-dihydro 1 H-pyrrol-2-yl)-1-methylethyl pentanoate.

Indian Classification	:	55E ₄	193291
International Classification ⁴	:	A 61K 31/00	
Title	:	"A PROCESS FOR EXTRACTION OF ESSENTIAL OIL CONTAINING MAINLY TERPENIOD COMPOUNDS AND CINNAMELDEHYDE".	
Applicant	:	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, Rafi Marg, New Delhi-100 001, India, an Indian registered body incorporated under the Registration of Societies Act (Act XXI of 1860).	
Inventors	:	SUBHAN CHANDRA NATH AKHIL BARUAH AJIT KUMAR HAZARIKA JIBON C SARMA KATAKY-ALL INDIAN.	
Kind of Application	:	COMPLETE	

Application for Patent Number **214/DEL/2001** filed on **28/02/2001**.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Delhi Branch, New Delhi – 110 008.

(04 Claims)

A process for extraction of essential oil containing mainly terpenoid compounds and cinnamaldehyde which comprises hydrodistilling the plant parts of *Cinnamomum pauciflorum* using steam to get the extract containing oil by known method such as herein described recovering essential oil(s) by conventional method, to get oil containing cinnamaldehyde to 92% along with the terpenoid compounds.

(Complete Specification Pages 11 Drawing NIL Sheets)

Indian Classification	:	55E ₄	193292
International Classification ⁴	:	A 61K 31/40; A01N-043/36; A61K 514/422	
Title	:	“A PROCESS FOR THE REMOVAL OF TOXIC AFLATOXIN b1 FROM COCONUT PROTEIN ISOLATES”.	
Applicant	:	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH , Rafi Marg, New Delhi-100 001, India, an Indian registered body incorporated under the Registration of Societies Act (Act XXI of 1860).	
Inventors	:	NATARAJAN SREEDHARA-INDIAN.	
Kind of Application	:	COMPLETE	
Application for Patent Number 91/DEL/2001 filed on 31/01/2001.			

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Delhi Branch, New Delhi – 110 008.

(04 Claims)

A process for the removal of toxic aflatoxin B1 from coconut protein isolates which comprises;

- i) isolating the protein by dispersing defatted coconut meat in water in the temperature range of 20 to 30°C to obtain mixture containing protein,
- ii) adjusting the pH of the mixture in the range of 8-10 by adding conventional diluted alkali at a temperature in the range of 20 to 30°C,
- iii) stirring the mixture for a period to 30 minutes;
- iv) filtering the mixture, adjusting the pH of clarified protein extract in the range of 4 to 5 by adding conventional dilute acid,
- v) separating protein isolate by vacuum evaporation from clarified protein extract,
- vi) treating the said protein isolate with hydrogen peroxide having strength in the range of 0.2 to 0.5% (v/v) at a temperature in the range of 55-95°C for a period in the range of 10-40 minutes,
- vii) drying the above treated protein isolate of step vi) to obtain the aflatoxin B1 free coconut protein isolate.

(Complete Specification Pages 10 Drawing NIL Sheets)

Indian Classification	:	55E ₄ ; 32F _{3(a)}	193293
International Classification ⁴	:	A 61K 31/00; C07C 69/00	
Title	:	"A SINGLE STEP PROCESS FOR THE PRODUCTION OF BARIUM-D-GLUCONATE".	
Applicant	:	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH , Rafi Marg, New Delhi-100 001, India, an Indian registered body incorporated under the Registration of Societies Act (Act XXI of 1860).	
Inventors	:	GHULAM NABI QAZI RAJINDER PARSHAD KULDIP SINGH MANHAS SUKHDEV SWAMI HANDA-ALL INDIAN.	
Kind of Application	:	COMPLETE	

Application for Patent Number **1096/DEL/2001** filed on **31/10/2001**.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Delhi Branch, New Delhi – 110 008.

(07 Claims)

A single step process for the preparation of barium gluconate which comprises:

fermenting a carbohydrate, as defined herein, by mediation of a fungal strain preferably *Aspergillus niger* which is capable of oxidising the carbohydrates, in presence of a conventional fermentation medium containing barium salt, at a temperature in the range of 20 to 40° C, for a period at least 16hr followed by separating the cell mass by the method such as herein described and recovering the barium gluconate by conventional crystallization method.

(Complete Specification Pages 22 Drawing NIL Sheet)

Indian Classification : 32 F₃(C):55E₄ 193294

International Classification⁴ : A 61K 31/00

Title : "A PROCESS FOR THE SYNTHESIS OF 2-DEOXY-D-GLUCOSE".

Applicant : COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, Rafi Marg, New Delhi-100 001, India, an Indian registered body incorporated under the Registration of Societies Act (Act XXI of 1860).

Inventors : HARI BABU MEREYALA
SREEMAN KUMAR MAMIDYALA-
BOTH INDIAN

Kind of Application : COMPLETE

Application for Patent Number 908/DEL/2001 filed on 03/09/2001.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Delhi Branch, New Delhi – 110 008.

(09 Claims)

- A process for the synthesis of 2-deoxy-D-glucose comprising
- haloalkoxylating 3,4,6-tri-O-benzyl-D-glucal by reacting N-halosuccinimide or N-haloacetamide and an alcohol such as herein described, to alkyl 2-deoxy-2-halo-3,4,6 tri_O-benzyl- α/β -D-glucopyranoside;
 - debenzylating and dehalogenating alkyl 2-deoxy-2-halo-3,4,6- tri -O- benzyl- α/β - D-glucopyranoside in the presence of a scavenger, such as herein described, at a temperature 0-30°C to give alkyl 2-deoxy- α/β -D-glucopyranoside;
 - hydrolyzing alkyl 2-deoxy- α/β -D-glucopyranoside with hydrolyzing agent such as herein described, at a temperature in the range of 20-90°C to give 2-deoxy-D-glucose.

(Complete Specification Pages 13 Drawing NIL Sheets)

Indian Classification : 55E₄

International Classification⁴ : A 61K 31/00; C07H 15/00 **193295**

Title : **"AN IMPROVED PROCESS FOR THE ISOLATION OF COLCHICOSIDE FROM PLANT SOURCE SUCH AS *GLORISA SUPERBA SEEDS*".**

Applicant : **COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH**, Rafi Marg, New Delhi-100 001, India, an Indian registered body incorporated under the Registration of Societies Act (Act XXI of 1860).

Inventors : **BISHAN DATT GUPTA
OM PRAKASH SURI
NARESH KUMAR SATTI
KRISHAN AVTAR SURI
ASHOK KUMAR SHARMA
ANIL PRABHAKAR
SHEKHAR GHOSH- ALL INDIAN.**

Kind of Application : COMPLETE

Application for Patent Number 280/DEL/2001 filed on 12/03/2001.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Delhi Branch, New Delhi – 110 008.

(06 Claims)

An improved process for the isolation of colchicoside from plant source such as *Glorisa superba* seeds which comprises extraction of the powdered seeds with an organic solvent particularly halohydrocarbon such as herein described followed by extraction of the marc with a mixture of solvents such as mono, di or tri halohydrocarbons such as herein described and an alcohol (range from 5% to 30%) with carbon atoms ranging from C₁ –C₃ followed by adsorption of the extract of marc on alumina and elution of colchicoside with a mixture of solvents such as herein described, fractions containing colchicoside are pooled and the residue crystallized from methanol or ethanol to give colchicoside.

(Complete Specification Pages 07 Drawing NIL Sheet)

Indian Classification	:	32 F _{3(C)} :55E ₄	
International Classification ⁴	:	A 61K 31/00	193296
Title	:	"A PROCESS FOR THE SYNTHESIS OF 2-DEOXY-D-GLUCOSE".	
Applicant	:	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, Rafi Marg, New Delhi-100 001, India, an Indian registered body incorporated under the Registration of Societies Act (Act XXI of 1860).	
Inventors	:	HARI BABU MEREYALA SREEMAN KUMAR MAMIDYALA- BOTH INDIAN	
Kind of Application	:	COMPLETE	

Application for Patent Number 892/DEL/2001 filed on 30/08/2001.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Delhi Branch, New Delhi – 110 008.

(08 Claims)

A process for the synthesis of 2-deoxy-D-glucose comprising;

- haloalkoxylating D-glucal by reacting N-halosuccinimide or haloacetamide with an alcohol such as herein described to give alkyl 2-deoxy-2-halo- α/β -D-glucopyranoside;
- hydrogenating the said alkyl 2-deoxy-2-halo- α/β -D-glucopyranoside such as herein described to give alkyl 2-deoxy- α/β -D-glucopyranoside,
- hydrolyzing alkyl 2-deoxy- α/β -D-glucopyranoside at a temperature in the range of 20-90^o C to give 2-deoxy-D-glucose.

(Complete Specification Pages 12 Drawing NIL Sheet)

Indian Classification	:	32F _{3(c)} ; 55E ₄	193297
International Classification ⁴	:	C07C 15/085	
Title	:	"A PROCESS FOR THE PREPARATION OF A DEMETHYL CUMENE".	
Applicant	:	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH , Rafi Marg, New Delhi-100 001, India, an Indian registered body incorporated under the Registration of Societies Act (Act XXI of 1860).	
Inventors	:	CHITTA RANJAN PATRA RAJIV KUMAR-BOTH INDIAN	
Kind of Application	:	COMPLETE	

Application for Patent Number **1298/DEL/2001** filed on **28/12/2001**.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, -2003) Patent Office Delhi Branch, New Delhi – 110 008.

(10 Claims)

A process for the preparation of a dimethylcumene comprising a) alkylating a substrate comprising of one or more xylene isomers as herein described with an alkylating agent selected from propylene and propyl alcohols such as isopropanol and n-propanol in the molar ratio 1:2 to 20:1 at a temperature in the range of 80-250°C and for a period of at least 1 hour and at a weight hourly space velocity (WHSV) of the feed in the range of 0.5 to 30h⁻¹m, in the presence of a solid acid zeolite catalyst selected from ultrastable zeolite Y (Si/Al = 5 to 50) and Beta (Si/Al = 10 – 120), in a fixed bed or batch reactor, b) separating the demethylcumene formed in vapour phase by condensation at a temperature in the range of 0-3°C.

(Complete Specification Pages 18 Drawing NIL Sheet)

Indian Classification	:	55E ₄	193298
International Classification ⁴	:	C07D-209/00;A01N-37/00	
Title	:	"AN IMPROVED PROCESS FOR THE SINGLE STEP HYDROGENATION OF NITROBENZENE OF NITROBENZENE TO P-AMINOPHENOL".	
Applicant	:	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH , Rafi Marg, New Delhi-100 001, India, an Indian registered body incorporated under the Registration of Societies Act (Act XXI of 1860).	
Inventors	:	CHANDRASHEKHAR VASANT RODE MANISHA JAGDEESHRAO VAIDYA RAGHUNATH VITTHAL CHAUDHARI- ALL INDIAN	
Kind of Application	:	COMPLETE	

Application for Patent Number **164/DEL/2001** filed on **16/02/2001**.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Delhi Branch, New Delhi – 110 008.

(04 Claims)

An improved process for the single step hydrogenation of nitrobenzene to p aminophenol which comprises,

- i) charging a reactor with a mixture of nitrobenzene and aqueous acid such as sulfuric acid with concentration in the range of 2.5-10% (w/w) in the presence of monometallic catalyst comprising 5 to 20% Ni or bimetallic catalyst comprising 5 to 20% Ni and 0.05-3% of the group VIII metal such as Pt, Pd on solid support such as herein described.
- ii) purging the above reaction mixture with hydrogen at a pressure up to 700 psig at a temperature range of 80-120°C for a period of 1-4 hrs,
- iii) stopping the reaction after a complete hydrogen consumption and removing the reaction mixture from the reactor.
- iv) separating catalyst from the reaction mixture by filtration,
- v) extracting the filtrate with organic solvent as herein described,
- vi) precipitating the product by treating aqueous layer with ammonia solution, at pH of 3-4.
- vii) separating the precipitated product by filtration,
- viii) repeating step (v), step(vi) at pH in the range of 7-8 and step (vii),
- ix) washing the combined product thus obtained with distilled water and drying to obtain the desired product.

(Complete Specification Pages 09 Drawing NIL Sheet)

Indian Classification	:	55E ₄	193299
International Classification ⁴	:	A 61K 31/00	
Title	:	"AN IMPROVED PROCESS FOR THE PREPARATION OF A MONOGLYCERIDE".	
Applicant	:	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, Rafi Marg, New Delhi-100 001, India, an Indian registered body incorporated under the Registration of Societies Act (Act XXI of 1860).	
Inventors	:	THENGUMPILLIL NARAYANA BALAGOPALA KAIMAL PENUMARTHY VIJAYALAKSHMI APPAGARI ANANTA LAXMI-ALL INDIAN.	
Kind of Application	:	COMPLETE	

Application for Patent Number **212/DEL/2001** filed on **28/02/2001**.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Delhi Branch, New Delhi – 110 008.

(08 Claims)

An improved process for the preparation of a monoglyceride which comprises;

- a) reacting a fatty acid such as herein described and glycerol in a molar ratio in the range of 1:1 to 1:10, in the presence of a food grade polar solvent such as herein described at a temperature in the range of 130-150⁰C for a period in the range of 3 to 6 hrs,
- b) cooling the reaction mixture, dissolving the reaction mixture in diethyl ether and washing with water,
- c) separating the product by known methods such as herein described.

(Complete Specification Pages 11 Drawing NIL Sheets)

Indian Classification ³ on	:	55E ₄	
International Classification ⁴	:	A 61K 31/00	193300
Title	:	"A PROCESS FOR THE PREPARATION OF MYCOLYTIC ENZYME CONTAINING MAINLY CHITOSANASE".	
Applicant	:	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH , Rafi Marg, New Delhi-100 001, India, an Indian registered body incorporated under the Registration of Societies Act (Act XXI of 1860).	
Inventors	:	MUKUND VINAYAK DESHPANDE REETARANI SAYAJIRAO PATIL MANISHA VASANT CHITNIS RYALI SEETA LAXMAN-ALL INDIAN	
Kind of Application	:	COMPLETE	

Application for Patent Number **279/DEL/2001** filed on **12/03/2001**.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Delhi Branch, New Delhi – 110 008.

(05 Claims)

A process for the preparation of mycolytic enzyme mainly containing chitosanase which comprises:

- a) growing streptomyces sp. (MC1) in a conventional medium as herein described having carbon and nitrogen sources supplemented with cell walls of fungi such as herein described containing chitosan and concentration (g/100ml) of other minor ingredients such as KCl 0.05, NH₄NO₃ 0.5 MgSO₄ 7H₂O 0.05, FeSO₄ 0.001, K₂HPO₄ 1.0, for a period ranging between 2-9 days at pH between 6 to 6.5,
- b) harvesting the medium
- c) separating the biomass by conventional methods such as herein described to obtain a mixture of mycolytic enzymes.

(Complete Specification Pages 11 Drawing NIL Sheets)

Indian Classification	:	32B	193301
International Classification ⁴	:	C07C-037/58; 568/41	
Title	:	"AN IMPROVED PROCESS FOR THE OXIDATION OF BENZENE".	
Applicant	:	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH , Rafi Marg, New Delhi-100 001, India, an Indian registered body incorporated under the Registration of Societies Act (Act XXI of 1860).	
Inventors	:	ROBERT RAJA PAUL RATNASAMY-BOTH INDIAN.	
Kind of Application	:	COMPLETE	

Application for Patent Number **2466/DEL/1995** filed on **29/12/1995**.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Delhi Branch, New Delhi – 110 008.

(10 Claims)

An improved process for the oxidation of benzene to phenol which comprises; a) reacting benzene with molecular oxygen in the presence of a solid catalyst containing an organotransition metal complex such as herein described and encapsulated in a solid matrix such as herein described wherein some or all of the hydrogen atoms of the said organotransition metal complex have been substituted by one or more electron withdrawing groups such as herein described at a temperature in the range of 20 to 100⁰C, at a pressure in the range of 5 to 1000 psi, optionally in the presence of solvents such as herein described, optionally with promoter such as herein, b) isolating the phenol formed by conventional methods as herein described.

(Complete Specification Pages 25 Drawing NIL Sheet)

Indian Classification	:	39 L; 39 P	193302
International Classification ⁷	:	C01F 1/00; C01G 25/00	
Title	:	"AN IMPROVED PROCESS FOR THE PREPARATION OF SULPHATED MIXED METAL OXIDES CATALYST."	
Applicant	:	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi - 110 001, INDIA, an Indian body incorporated under the Registration of Societies Act (XXI of 1860).	
Inventors	:	ALIVE KESHAVARAJA - INDIAN SOORYAKANT GANESH HEGDE - INDIAN ARUMUGAMANGALAM VENKATARAMAN RAMASWAMY - INDIAN	
Kind of Application	:	Complete	

Application for Patent Number 2477/Del/95 filed on 29th Dec. 95.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003)
Patent Office Branch, New Delhi - 110 008.

(5 Claims)

An improved process for the preparation of sulphated metal oxides catalyst which comprises:

- preparing as aqueous solution A of one of the metal salts of zirconium, tin, titanium or iron (hereinafter, called as support metal oxide) the strength of which ranging from 0.1 to 2 M, such as herein described,
- preparing an aqueous solution B of group III B metal salts (such as metal salts or yttrium, scandium or lanthanum) (hereinafter, called 'dopant metaloxide') the strength of which ranging from 0.1 to 2 M,
- mixing the said solutions A and B in the molar ratio of p : q where, p (ranging from 99 to 60 and ranging from 1 to 40 and p: q always being equal to 100) to form solution C.
- precipitating the said solution C to form hydroxide D by adding ammonium hydroxide or tetraalkyl ammoniumhydroxide where, the alkyl group is selected from methyl, ethyl, propyl or butyl, drying the said precipitate D formed at a temperature ranging from 90 to 110°C to form a dry powder designated as E.
- treating the said powder E with sulfuric acid or ammonium sulfate of strength ranging from 0.1 to 4 M for a period ranging from 1 to 12 hours followed by heating the resulting product at a temperature ranging between 40 to 110°C at atmospheric pressure, or at reduced pressure to get a dry powder designated as F,
- calcining the said dry powder F at a temperature ranging from 300 to 500°C for 3 to 12 hours to get sulphated metal oxides catalyst.

(Complete Specification 14 Pages Drawings 3 Sheet)

Indian Classification	-	14 C	193303
International Classification ⁷	-	H 01 M 14/00	
Title	-	"A DEVICE FOR PRODUCING ELECTRICAL POWER"	
Applicant	-	Council of Scientific & Industrial Research, Rafi Marg, New Delhi-110001.	
Inventors	-	YEGNANARAYANA IYER - INDIA. MAHADEVA IYER - INDIA. NADUMARAM GOPALAN RENGANATHAN - INDIA. SUBRAMANIAN MOHAN - INDIA. SUBRAMANIAN MOHAN - INDIA.	
Kind of Application	-	COMPLETE	
Application for Patent Number	2371/del/1995	filed on	21/12/1995

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office, New Delhi Branch - 110 008.

(Claims 08)

A device for producing electrical power which comprises a H shaped cell having a self oscillating working electrode (2) characterized in that the said cell having a self oscillating counter electrode (1) and a reference electrode (3), the said electrodes being immersed in a bath containing sulphuric acid and bromat, iodat as additives such as herein described, the said self oscillating working electrode(2) and counter electrode (1) being connected through series resistor (4).

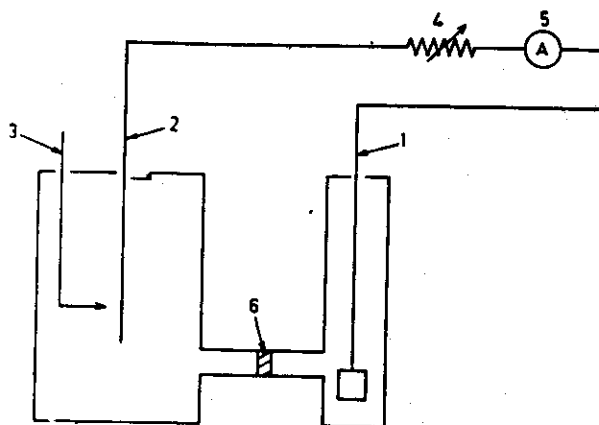


FIG. 1

Complete Specification

No of Pages

06

Drawings Sheets

01

Indian Classification : 32F_{3(a)}; 32F_{3(d)}; 55E₄ 193304

International Classification⁴ : A 61K 31/00

Title : "A PROCESS FOR THE PREPARATION OF AN ANTI-HYPERLIPIDEMIC COMPOSITION".

Applicant : COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, Rafi Marg, New Delhi-100 001, India, an Indian registered body incorporated under the Registration of Societies Act (Act XXI of 1860).

Inventors : RAM PRATAP
RAM CHANDRA GUPTA
NARINDER KUMAR KAPOOR
RAMESH CHANDER
ASHOK KUMAR KHANNA
ASHIM GHATAK
OMKAR PRASAD ASTHANA
SWARAN NITYANAND
SUKH DEV
NITYANAND - ALL INDIAN.

Kind of Application : COMPLETE

Application for Patent Number 2302/DEL/1995 filed on 13/12/1995.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Delhi Branch, New Delhi - 110 008.

(07 Claims)

A process for the preparation of an anti-hyperlipidemic composition comprising mixing pregnane compound of general formula 14 as given in the accompanying drawing which has no hydroxyl group at C-17 position and contain a double bond in or on the D-ring optionally along with other drug molecule selected from anti platelets, anti-thrombotic, hypolipoproteinemic and pharmaceutically acceptable excipient, additive or a carrier such as herein described in the ratio of 1:4 of compared to other ingredients at temperature ranging between 20 to 50°C to get the homogenous mixture of desired composition.

(Complete Specification Pages 24 Drawing 02 Sheets)

Indian Classification	:	164A	193305
International Classification ⁴	:	C 12 P 1/00	
Title	:	"AN IMPROVED PROCESS FOR THE MINERALIZATION OF ALPHA HEXACHLOROCYCLOHEXANE USEFUL FOR TREATMENT OF INDUSTRY EFFLUENT AND BIOREMEDIATION OF CONTAMINATED SOIL".	
Applicant	:	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH , Rafi Marg, New Delhi-100 001, India, an Indian registered body incorporated under the Registration of Societies Act (Act XXI of 1860).	
Inventors	:	A.A. MOHAMMAD KUNHI P.V. AJITH KUMAR P.Y. ANEEZ AHAMAD D.H. CHANDRASEKHARAI AH N. SREEDHAR REDDY -ALL INDIAN.	
Kind of Application	:	PROVISIONAL/COMPLETE	

Application for Patent Number **2448/DEL/1995** filed on 29/12/1995

Complete left after Provisional specification filed on 17/03/1997

Appropriate office for opposition proceedings (Rule 4, Patents Rules, .2003) Patent Office Delhi Branch, New Delhi – 110 008.

(02 Claims)

An improved process for the mineralization of alpha hexachlorocyclohexane useful for treatment of industry effluent and bioremediation of contaminated soil which comprises; contacting materials such as herein described containing alpha hexa chlorocyclohexane with a microbial consortium consists of eight strains of diffirent pseudomonas sp. and a strain of Fusarium sp. as herein described at a pH in the range of 4 to 10, at a temperature in the range of 5 to 40⁰C to obtain α – HCH free material.

(Provisional specification 06 Pages Drawing **NIL** Sheet)

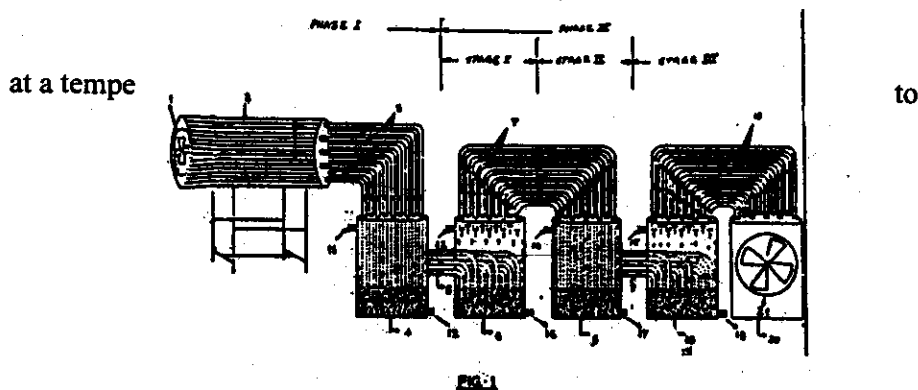
(Complete Specification 15 Pages Drawing **NIL** Sheet)

Indian Classification	:-	55 B 3	193306
International Classification ⁷	:-	B 01 D 50/00	
Title	:-	" A DEVICE USEFUL FOR CLEANING POLLUTED AIR "	
Applicant	:-	Council of Scientific & Industrial Research, Rafi Marg, New Delhi-110001.	
Inventors	:-	BIMAL KANT JHA - INDIAN. JAYANTI LAL JETHWA—INDIAN. BHARAT BHUSHAN DHAR - INDIAN.	
Kind of Application	:-	COMPLETE	
Application for Patent Number	2473/del/1995	filed on	29/12/1995

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office , New Delhi Branch - 110 008.

(Claims 03)

A device useful for cleaning polluted air, which comprises a suction fan(1) and exhaust fan (21) being fitted on one end of a drum (2) and (20) having a plurality of ducts(3) fitted on its other end , other ends of the said ducts(3) extending to the bottom of a closed tank/drum(4), the said tank/drum(4) has an inlet(11) and outlet(12) for filling and draining of absorbent solution such as herein described, the said tank/drum(4) being provided with a plurality of air outlet ducts(5) above the level of absorbent solution, the other end of the said ducts(5) extending to the bottom of another closed tank/drum (6), the said tank/drum (6) being provided with a plurality of air outlet ducts(7) above the level of absorbent solution, the said ducts and tank/drum combinations(3,4,5,6,7) being repeated (7,8,14,17&9,10,15,18,19,20).



Indian Classification :- 131 B-3 193307

International Classification⁷ :- E 21D 15/18

Title :- "An improved pit prop for supporting Mine/tunnel roofs".

Applicant :- COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi - 110 001, India.

Inventors :- BIRENDRA PRASAD VERMA - INDIAN
BHARAT BHUSHAN DHAR - INDIAN
AJAY KUMAR SINGH - INDIAN

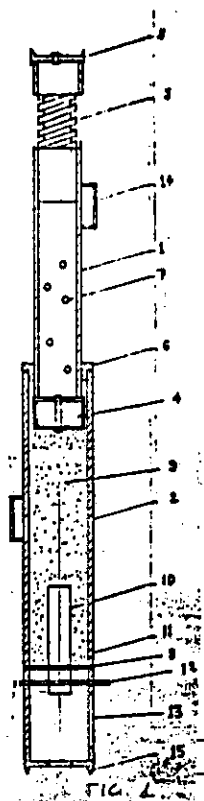
Kind of Application :- COMPLETE

Application for Patent Number 2454/del/1995 filed on 29/12/1995

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office, New Delhi Branch - 110 008.

(Claims 2)

An improved Pit Prop for supporting mine/tunnel roofs which comprises an upper pipe (1) telescopically fitted into a lower pipe (2), the top portion of the upper pipe (1) being provided with internal threads for fitting an externally threaded bar (3), the top of the bar (3) having a bearing plate (5), the bottom end of the upper pipe (1) being provided with a block (4) having means for swiveling such that the block (4) remains stationary when the pipe (1) is rotated, the upper pipe (1) being also provided with a plurality of holes (7) for rotating the pipe (1) by means of a rod, the lower pipe (2) having a matching bush (6), the inner space of the lower pipe (2) partitioned into two chambers by means of a circular separating disc (8) having a concentric hole, the upper chamber filled with sand and the lower chamber provided with a key-pipe (10) matching the concentric hole in the disc (8), the bottom of the key-pipe (10) fixed to a horizontal rod (12) passing through a vertical slot (13) made on the side of the lower chamber of pipe (2), the lower pipe (2) provided with a bottom plate (15) having a concentric hole, the said upper pipe (1) and lower pipe (2) also provided with external handles (14) for carrying in dismantled condition.



Indian Classification : 32F_{3(d)}; 32F_{3(e)} 193308

International Classification⁴ : C07C 37/00

Title : "AN IMPROVED PROCESS FOR THE MANUFACTURE OF HYDROQUINONE AND CATECHOL".

Applicant : COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, Rafi Marg, New Delhi-100 001, India, an Indian registered body incorporated under the Registration of Societies Act (Act XXI of 1860).

Inventors : ROBERT RAJA
PAUL RATNASAMY- BOTH INDIAN.

Kind of Application : COMPLETE

Application for Patent Number 2479/DEL/1995 filed on 29/12/1995.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) - Patent Office Delhi Branch, New Delhi - 110 008.

(08 Claims)

An improved process for the manufacture of hydroquinone and catechol which comprises:

- a) reacting a mixture of phenol and aqueous hydrogen peroxide in the molar ratio between 1 to 7 in the presence of a solid catalyst containing an organo transition metal complex such as herein described encapsulated in a solid matrix such as herein described wherein some or all of the hydrogen atom of the said organotransition metal complex have been substituted by one or more electron withdrawing groups such as herein described, at a temperature below 90°C optionally in presence of solvents such as herein described.
- b) isolating and separating the hydroquinone and catechol from the effluents from the reaction zone by conventional methods as herein described.

(Complete Specification Pages 15 Drawing NIL Sheets)

Indian Classification	:	55E ₄ ; 32F ₃ (d)	193309
International Classification ⁴	:	A 61K 31/00	
Title	:	"AN IMPROVED PROCESS FOR THE PREPARATION OF KETO-ISOPHORONE".	
Applicant	:	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH , Rafi Marg, New Delhi-100 001, India, an Indian registered body incorporated under the Registration of Societies Act (Act XXI of 1860).	
Inventors	:	SHIVAPPA BASAPPA HALLIGUDI SHILPA SHIRISH DESHPANDE MANJU PRAMOD DE GAONKAR – ALL INDIAN.	
Kind of Application	:	COMPLETE	

Application for Patent Number **302/DEL/2000** filed on **23/03/2000**.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Delhi Branch, New Delhi – 110 008.

(04 Claims)

An improved process for the preparation of Keto-isophorone, which comprises;

- a) oxidizing B-isophorone in presence of Ketonic solvent as herein described in the ratio of 1:0.8 to 1:4 with air/molecular oxygen in presence of a zeolite encapsulated catalyst wherein zeolite is Na-Y type in the connection range of 0.2 – 0.5 gm containing 300-400 ppm, Mn per gm. of zeolite and having formula LMn CI where L is a legend such as a salen, in the presence of a catalyst stabilizing agent such as acetyl acetone and triethylamine at a temperture in the range of 20-30⁰C at 1 atmosphere of oxygen for a period of at least 2 hours,
- b) separating the catalyst by filtration and collecting the Keto-isophorone by conventional methods.

(Complete Specification Pages 11 Drawing NIL Sheets)

Indian Classification	:	32 F(2b)	193310
International Classification ⁷	:	C07D 211/06	
Title	:	" A PROCESS FOR THE PREPARATION OF 4-ARYL-2,6-DIMETHYL-3,5-DICARBOETHOXY-1,4-DIHYDROPYRIDINES AND CORRESPONDING HYDROXY DERIVATIVES."	
Applicant	:	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi - 110 001, INDIA, an Indian body incorporated under the Registration of Societies Act (XXI of 1860).	
Inventors	:	NEERAJ MAHINDROO - INDIAN RAVI KANT KHAJURIA - INDIAN KASTURI LAL BEDI - INDIAN KANAYA LAL DHAR - INDIAN	
Kind of Application	:	Complete	

Application for Patent Number 158/Del/2000 filed on 25th Feb. 2000.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003)
Patent Office Branch, New Delhi - 110 008.

(6 Claims)

A process for the preparation of 4-aryl-2,6-dimethyl-3,5-dicarboethoxy-1,4-dihydropyridines and corresponding hydroxy derivatives wherein R₁ is H, NO₂, Cl, OAc, OH, R₂ is H, NO₂, Cl, -O-CH₂-O-, OMe, OAc, OEt, OH, R₃ is H, NO₂, Cl, N(Me)₂, -O-CH₂-O-, OMe, OAc, OH, R₄ is H, OMe, OAc, OH and R₅ is H, Cl, I, useful as therapeutic agents which comprises :

- (i) Preparing a mixture of an aromatic aldehyde, ethyl acetoacetate and a source of ammonia by known method.
- (ii) adsorbing the above prepared mixture on basic adsorbent of the kind as herein described till the adsorbent becomes free flowing.
- (iii) heating the material obtained from step (ii) under microwave irradiations at 350 to 600 W for the period ranging between 30 sec to ten minutes.
- (iv) cooling the above reaction mixture to 20 to 40°C and recovering the compound of formula I by conventional methods, hydrolysing the ester group in aromatic portion of compound by conventional hydrolysing agent to give corresponding hydroxy derivative.

(Complete Specification 19 Pages Drawings 1 Sheet)

Indian Classification	:	32C	193311
International Classification ⁴	:	A 61K 031/454; C07D-401/212	
Title	:	"A NOVEL ENZYMATIC PROCESS FOR THE PREPARATION OF SUBSTITUTED PIPERDINES".	
Applicant	:	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH , Rafi Marg, New Delhi-100 001, India, an Indian registered body incorporated under the Registration of Societies Act (Act XXI of 1860) & M/S ZYDUS RESEARCH CENTRE, CADILA HEALTH CARE LTD., ZYDUS TOWER, SATELLITE CROSS ROAD, AHMEDABAD-380 015 & GOVERNMENT OF INDIA, DEPARTMENT OF SCIENCE & TECHNOLOGY (DST), TECHNOLOGY BHAVAN, NEW MEHRAULI ROAD, NEW DELHI-110 016.	
Inventors	:	RAJINDER PARSHAD CHAND JI RAINA SUBHASH CHANDRA TANEJA SURRENDER KOUL NEERAJ MAHINDROO GHULAM NABI QAZI MAYANK GHANSHYAMBHAI DAVE SAURABH JAYANTIBHAI PATEL- ALL INDIAN.	
Kind of Application	:	COMPLETE	

Application for Patent Number **1113/DEL/2000** filed on **07/12/2000**.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Delhi Branch, New Delhi – 110 008.

(10 Claims)

A novel enzymatic process for the preparation of substituted piperdines, (+) or (-)-trans-3-hydroxymethyl-4-(4-fluorophenyl)-N-methylpiperidines of formula **2a** and (+) or (-)-trans-3-acyloxymethyl-4-(4-fluorophenyl)-N-methylpiperidines of formula **2b** of the drawing accompanying the specification wherein R₁ is H or CO₂R and R represents C₁₋₅ linear or branched chain alkyl groups which comprises;

- (i) hydrolyzing stereoselectively the alkyl acylates of formula **1** of the drawing accompanying the specification wherein R₁ and R is as defined above with enzyme *Bacillus* sp. lipase as herein described in an aqueous or buffer medium at pH in the range of 5–9 and temperature in the range of 10–50°C,
- (ii) recovering and separating the hydrolysed compound of formula **2a** and unhydrolysed compound of formula **2b** by conventional methods as herein described.

(Complete Specification Pages 13 Drawing 01 Sheet)

Indian Classification	:	32F ₁	193312
International Classification ⁴	:	C07C 39/24	
Title	:	"AN IMPROVED PROCESS FOR THE PREPARATION OF META-CHLOROTOLUENE".	
Applicant	:	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, Rafi Marg, New Delhi-100 001, India, an Indian registered body incorporated under the Registration of Societies Act (Act XXI of 1860).	
Inventors	:	ANAND PAL SINGH SUSHAMA MOHAN KALE-BOTH INDIAN.	
Kind of Application	:	COMPLETE	

Application for Patent Number **569/DEL/2000** filed on **09/06/2000**.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Delhi Branch, New Delhi – 110 008.

(05 Claims)

An improved process for the preparation of meta-chlorotoluene which comprises; contacting ortho-or para-chlorotoluene or the mixture thereof in the presence of a hydrocarbon solvent as herein described in the molar ratio of 10:1 or 5:1 with microporous zeolite catalyst composite material as herein described at a temperature ranging between 200 to 400°C at atmospheric pressure for a period ranging between 2 to 80 hrs; obtaining meta-chlorotoluene by conventional separation methods as herein described.

(Complete Specification Pages 12 Drawing ~~NIL~~ Sheets)

Indian Classification	:	17 A ₂	193313
International Classification ⁷	:	G12 P 7/06	
Title	:	"AN IMPROVED PROCESS FOR PRODUCTION OF ETHANOL."	
Applicant	:	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi - 110 001, INDIA, an Indian body incorporated under the Registration of Societies Act (XXI of 1860).	
Inventors	:	SONTI VENKATA RAMAKRISHNA - INDIAN REDDY SHETTY PRAKASHAM - INDIAN PALLE KOMARAI AH - INDIAN	
Kind of Application	:	Complete	

Application for Patent Number 187/Del/2000 filed on 6th March 2000.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003)
Patent Office Branch, New Delhi - 110 008.

(4 Claims)

An improved process for the production of ethanol which comprises ;

- (i) preparing 5 to 8% molasses solution having sugar concentration in the range of 3-5%
- (ii) incubating novel stable yeast crystals having characteristics as herein described in this solution at pH 5- 7.5 for 6-48 hrs at 24 - 32°C to obtain activated stable yeast crystals,
- (iii) separating activated stable yeast crystals by known methods as herein described,
- (iv) preparing fermentation broth by diluting the molasses with water containing fermentable sugar in the range of 15 - 30% at pH 4-4.5,
- (v) incubating activated stable yeast 0.5 - 2% as obtained in step (iii), in fermentation broth obtained in step (iv) for a period of 9 to 48 hrs at 24-40°C,
- (vi) separaing activated stable yeast crystals from broth by decantation and recovering ethanol from fermentation broth by known methods as herein described.

(Complete Specification 13 Pages Drawings Nil Sheet)

Indian Classification	:	55E ₄	193314
International Classification ⁴	:	A 61K 31/00; C07D-302/02	
Title	:	"AN IMPROVED PROCESS FOR THE PREPARATION OF CHIRAL EPOXIDES USEFUL AS INTERMEDIATES IN THE SYNTHESIS OF CHIRAL DRUGS".	
Applicant	:	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, Rafi Marg, New Delhi-100 001, India, an Indian registered body incorporated under the Registration of Societies Act (Act XXI of 1860).	
Inventors	:	RUKHSANA ILYAS KURESHY NOOR-UL HASAN KHAN SAYED HASAN KHAN SAYED HASAN RAZI ABDI SUNIL TRIBHOVANDAS PATEL PARAMESWAR KRISHNAN IYER RAKSH VIR JASRA-ALL INDIAN.	
Kind of Application	:	COMPLETE	

Application for Patent Number **1161/DEL/2000** filed on **15/12/2000**.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Delhi Branch, New Delhi – 110 008.

(09 Claims)

An improved process for the preparation of chiral epoxides useful as intermediates in the synthesis of chiral drugs which comprises a) reacting non-functionalised prochiral alkenes as herein described in presence of the novel chiral SALEN metal complexes as catalysts under biphasic solvent as herein described with a source of oxygen as herein described and cooxidant as herein described and optionally in presence of phase transfer reagent as herein described at a temperature range of -70° to 50° C in an inert atmosphere b) isolating the resulting chirally enriched epoxides by precipitating the catalyst with non-polar organic solvent as herein described c) purifying the crude chirally enriched epoxide by known methods such as herein described.

(Complete Specification Pages 25 Drawing NIL Sheets)

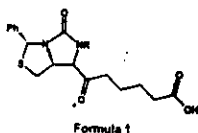
Indian Classification	: 32G	193315
International Classification ⁴	: C07D 495/00; 491/00; 333/00; 473/00.	
Title	: "A PROCESS FOR METHYL 6-[6-BENZYL-5- OXO-3-PHENYL-(3S, 7aR)-perhydromidazo[1,5- c][1,3]thiazol-7yl]-6-OXOHENANOIC ACID".	
Applicant	: COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, Rafi Marg, New Delhi-100 001, India, an Indian registered body incorporated under the Registration of Societies Act (Act XXI of 1860).	
Inventors	: SUBHASH PRATAPRAO CHAVAN CHITTIBOYINA AMAR GOPAL SUBHASH KRISHNAJI KAMAT UTTAM RAMRAO KALKOTE THOTAPALLIL RAVINDRANATHAN- ALL INDIAN.	
Kind of Application	: COMPLETE	

Application for Patent Number 301/DEL/2001 filed on 19/03/2001.

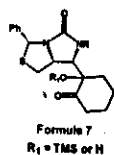
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office
Delhi Branch, New Delhi – 110 008.

(06 Claims)

A process for the preparation of methyl 6-[6-benzyl-5-oxo-3-phenyl-(3S, 7aR)-
perhydroimidazo[1,5-c][1,3]thiazol-7yl]-6-oxohexanoic acid of formula (1)
wherein R = benzyl



which comprises reacting compound 6-Benzyl-7-(1-trimethylsilyloxy-2-
oxocyclohexyl)-3-phenyl-(3S, 7R, 7aR)-perhydro-imidazo[1,5-C][1,3]thiazole-5-
one wherein R₁ = trimethylsilylhydrogen & R=benzyl having formula (7)



with a conventional oxidizing agent preferably a peroxide such as herein
described, in presence of alkaline alcohol at temperature ranging between 15 –
40 ° C for the period of 30 min to 90 min, removing the alcohol by conventional
distillation methods and extracting the residue thus obtain with polar organic
solvents, separating the aqueous layer and acidifying to pH 4.0 to 5.0, further
extracting the mixture with an organic solvent, separating and concentrating the
solvent layer by conventional methods as described herein, removing the solvent
by conventional methods like evaporation to obtain compound methyl 6-[6-
benzyl-5-oxo-3-phenyl-(3S, 7aR)-perhydroimidazo[1,5-c][1,3]thiazol-7yl]-6-
oxohexanoic acid of formula (1)

Indian Classification	:	83A ₁	193316
International Classification ⁴	:	A 23K 1/18	
Title	:	"A PROCESS FOR PREPARATION OF FORMULATION USEFUL FOR REARING SILKWORM".	
Applicant	:	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH , Rafi Marg, New Delhi-100 001, India, an Indian registered body incorporated under the Registration of Societies Act (Act XXI of 1860).	
Inventors	:	SURINDER KUMAR CHOWDHARY RAJESH KUMAR THAPPA ASHWANI SHARMA-ALL INDIAN.	
Kind of Application	:	COMPLETE	

Application for Patent Number **911/DEL/2000** filed on **06/10/2000**

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Delhi Branch, New Delhi – 110 008.

(02 Claims)

A process for preaparation of formulation useful for rearing silkworm, which comprises;

- a) mixing black gram powder 1 to 7 gm, leaf powder of Terminalia arjuna/Terminalia tomentosa/shorea rabusta in the range of 1 to 4 gm, Yeast powder 0.1 to 0.6 gm, Vitamin C mixture such as sorbic acid 0.01 to 0.16 gm, Ascorbic acid 0.05 to 0.3 gm, food grade preservative selected from parabenzoate, sodium benzoate, potassium benzoate, sodium bisulphate, benzoic acid in the range of 0.001 to 0.01 gms, Vitamin B mixture 0.01 to 0.09 gm and water 10 to 50 ml in a container, stirring the mixture,
- b) boiling gelling agent such as agar in water, transferring in the mixture obtained in step a), stirring the whole mixture,
- c) cooling the mixture to obtain desired formulation.

(Complete Specification Pages 15 Drawing NIL Sheet.

Indian Classification	:	32F _{2(a)} ; 55E ₄	193317
International Classification ⁴	:	A 61K 31/00; C07D 487/00.	
Title	:	"A METHOD FOR THE SYNTHESIS OF TETRAPHENYL PORPHYRINS/MESO TRTRAPHENYL PORPHYRIN/MESO OCTOMETHYL CELIX (4) PYRROLE".	
Applicant	:	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, Rafi Marg, New Delhi-100 001, India, an Indian registered body incorporated under the Registration of Societies Act (Act XXI of 1860).	
Inventors	:	POTHURI SITA DEVI KONDAPURAM VIJAYA RAGHAVAN SHIVANAND JANARDAN KULKARNI MOTKURI RADHA KISHAN VIPPAGUNTA RADHA RANI MAMIDANNA RAMA VENKATA SATYANARAYANA MURTY-ALL INDIAN	
Kind of Application	:	COMPLETE	

Application for Patent Number 397/DEL/2002 filed on 28/03/2002

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office
Delhi Branch, New Delhi – 110 008.

(07 Claims)

A method for the synthesis of tetraphenyl porphyrins/meso tetraphenyl porphyrin/meso octomethyl celix (4) pyrrole which comprises reacting the pyrrole and an aromatic aldehyde/ ketone over mesoporous zeolite coated with binder based molecular sieve catalyst under solvent free microwave heating for 3 to 25 minutes under low and high power to obtain tetraphenyl porphyrins/meso tetraphenyl porphyrin/meso octomethyl celix (4) pyrrole.

(Complete Specification Pages 11 Drawing NIL Sheet)

Indian Classification : **LI (2)** **193318**

International Classification⁴ : **G 08B-021/00; 340/604**

Title : **"A PROCESS OF MANUFACTURING A MOISTURE SENSOR USEFUL FOR THE DETERMINATION OF TRACE MOISTURE PRESENT IN GASES".**

Applicant : **COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, Rafi Marg, New Delhi-100 001, India, an Indian registered body incorporated under the Registration of Societies Act (Act XXI of 1860).**

Inventors : **KALYAN KUMAR MISTRY
SANTANU BASU
ANIMESH GUHA
KAMALENDU SENGUPTA -ALL INDIAN.**

Kind of Application : **COMPLETE**

Application for Patent Number 827/DEL/2003 filed on 120/06/2003.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, -2003) Patent Office Delhi Branch, New Delhi – 110 008.

(10 Claims)

A process of manufacturing a moisture sensor useful for the determination of trace moisture present in gases which comprises;

- a) preparing a porous monolith of Al₂O₃ as herein described of thickness in the range of 70 to 75µm from a nano porous ceramic substrate as herein described,**
- b) curing the monolith so obtained at a temperature in the range of 400⁰C to 500⁰C attained at the rate of 30 deg C/hr for a time period in the range 0.5 to 1.5 hour to obtain a cured monolith,**
- c) providing thick film planar electrodes as herein described on both sides of the said cured monolith by screen printing,**
- d) heat treating the resultant cured monolith with electrodes at a temperature in the range of 800⁰C to 850⁰C attained at the rate of 50 deg. C/hr for a time period in the range of 0.5 to 1.5 hour to obtain a moisture sensor.**

(Complete Specification Pages 14 Drawing NIL Sheets)

Indian Classification	:	17A ₃	193319
International Classification ⁴	:	A23 L2/02	
Title	:	"A PROCESS FOR THE PREPARATION OF SUGAR CANE BEVERAGE BASE".	
Applicant	:	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, Rafi Marg, New Delhi-100 001, India, an Indian registered body incorporated under the Registration of Societies Act (Act XXI of 1860).	
Inventors	:	PASUPULETI VIJAYANAND ASWATHANARAYANA USHADEVI MUNUSWAMY RAMANUJAM VIJAYALAKSHMI KANUMURI VENKATA RAMA RAMANA- ALL INDIAN.	
Kind of Application	:	COMPLETE	

Application for Patent Number 342/DEL/2002 filed on 27/03/2002

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Delhi Branch, New Delhi – 110 008.

(07Claims)

A process for the preparation of sugar cane beverage base which comprises:

- (a) dipping peeled and washed sugar canes in water containing 3 ppm chlorine and 0.1-0.5% by wt. citric acid;
- (b) crushing the sugar canes to obtain sugarcane juice;
- (c) centrifuging and filtering the sugar cane juice of step(b) to remove the insoluble impurities;
- (d) chilling the filtered juice of step (c) to 0-10⁰C;
- (e) adding 0.7 to 1.2% by wt. citric acid or lime juice or any other food acidulant such as herein described;
- (f) concentrating the sugar cane juice of step(e) to get solids up to 40⁰ Brix;
- (g) adding 5-50ml of aqueous ginger extract, 0.01 to 0.5% sodium alginate, 0.01 to 0.5% pectin, 0.01 to 0.5% of carragenan, 0.01% to 0.5% xanthan, up to 700ppm of potassium metabisulfite and up to 600ppm of sodium benzoate to the 2 litre of concentrated sugarcane juice of step(f), and
- (h) mixing to obtain desired homogenized sugar cane beverage base optionally adding food colours or colour extract to sugar cane beverage base.

(Complete Specification Pages 13 Drawing NIL Sheet)

Indian Classification	:	55E ₄	193320
International Classification ⁴	:	C07D 21/82; A 61K 31/00	
Title	:	"A PROCESS FOR THE PREPARATION OF S(-) AMLODIPINE-L(+)-HEMITARTARATE".	
Applicant	:	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH , Rafi Marg, New Delhi-100 001, India, an Indian registered body incorporated under the Registration of Societies Act (Act XXI of 1860).	
Inventors	:	ROHINI RAMESH JOSHI RAMESH ANNA JOSHI MUKUND KESHAV GURJAR-ALL INDIAN.	
Kind of Application	:	COMPLETE	

Application for Patent Number **262/DEL/2002** filed on **20/03/2002**.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Delhi Branch, New Delhi – 110 008.

(04 Claims)

A process for the preparation of S(-) amlodipine-L(+)-hemitartrate which comprises reacting RS amlodipine base with L(+) tartaric acid in an amount 0.5 mole per mole of amlodipine base in an organic solvent at a temperature ranging from 20-35⁰C for a period ranging from 16 to 24 hours, separating the solid R(-) amlodipine-L(+)-hemitartrate by filtration, seeding the filtrate to obtain solid S(-) amlodipine in L(+) hemi taratarte by precipitation, filtering the solid and basifying to obtain S(-) amlodipine-L(+)-hemitartrate.

(Complete Specification Pages 06 Drawing NIL Sheets)

Indian Classification :- 148 H 193321

International Classification⁷ :- G 06 K 9/46

Title :- "METHOD FOR AUTOMATIC EVALUATION OF PRINTING QUALITY ON PAPER BY MEANS OF AN OPTO-ELECTRONIC DEVICE"

Applicant :- De La Rue Giori S.A. 4, rue de la Paix 1003 LAUSANNE, SWITZERLAND.

Inventors :- STRINGA LUIGI - ITALIAN

Kind of Application :- COMPLETE/CONVENTION

Application for Patent Number 451/del/1996 filed on 04/03/1996

Convention No. MI 95A 000637/Italy/30/03/1995

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office, New Delhi Branch - 110 008.

(Claims 08)

A method for automatic evaluation of printing quality on paper by means of an optoelectronic device, of the printing quality of an image on paper comprising at least one design printed during a printing phase, wherein a plurality of reference models are prepared, each corresponding to an acceptable misalignment, and the printed images are compared with the closest reference model or models.

Complete Specification No of Pages 10

Drawings Sheets 02

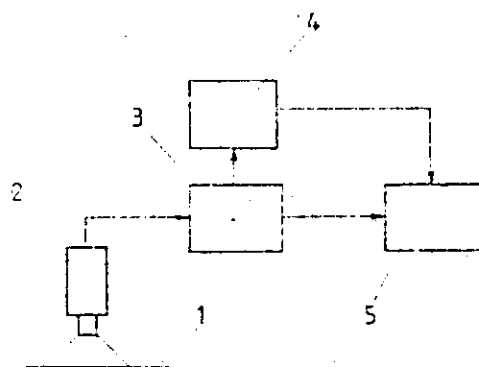


FIG. 3

Indian Classification	:	136 E, 130 F	193322 322
International Classification ⁷	:	C22B 023/00	
Title	:	"A PROCESS FOR THE PRODUCTION OF THE COBALT METAL AGGLOMERATES."	
Applicant	:	H.C. STRACK GmbH & CO. KG., a company of Germany of Im Schleeke 78-91, D-38642 Goslar, Germany.	
Inventors	:	ASTRID GORGE- GERMAN JULIANE MEESE-MARKTSCHIEFFEL- GERMAN DRIK NAUMANN - GERMAN ARMIN OLBRICH - GERMAN FRANK SCHRUMPF - GERMAN	
Kind of Application	:	Convention-Complete	

Application for Patent Number 1057/Del/ 96 filed on 20th May 96.

Convention date 26.5.1995/ 19519331.8/ Germany

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003)
Patent Office Branch, New Delhi – 110 008.

(4 Claims)

Process for the preparation of the cobalt metal agglomerates consisting of peanut-shaped primary particles, characterized in that cobalt salts of the general formula CoX_2 , wherein $\text{X}^- = \text{Cl}^-$, NO_3^- and /or $\frac{1}{2} \text{SO}_4^{2-}$, are continuously reacted with aqueous solutions or suspensions of alkali metal carbonate and/or ammonium carbonates and/or alkali metal hydrogen carbonates and/or ammonium hydrogen carbonates at temperatures of between 40 and 100°C, preferably from 60 to 90°C, to form basic cobalt carbonate, this is separated and washed until free of neutral salt and then reacted with known alkali and/or ammonium liquors oxidized with a known oxidizing agent to yield trivalent heterogenite CoO(OH) and this is reduced with known reducing agents to yield the cobalt metal agglomerates.

(Complete Specification 12 Pages ; Drawings 3 Sheets)

Indian Classification	:	32-IX	193323
International Classification ⁴	:	C07C-002/66; 005/22	
Title	:	"A PROCESS FOR PREPARATION OF LINEAR ALPHA-OLEFINS".	
Applicant	:	UOP, a company organized and existing under the laws of the State of New York, with its principal place of business at 25, East Algonquin Road, Des Plaines, Illinois 60017-5017, USA.	
Inventors	:	MARK ANTHONY KRAWCZYK-USA RICHARD EUGENE MARINANGELI-USA RANDY JOE LAWSON-USA	
Kind of Application	:	COMPLETE.	

Application for Patent Number 1076/DEL/1996 filed on 22/05/1996

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Delhi Branch, New Delhi – 110 008.

(05 Claims)

A process for the preparation of linear alpha-olefins by continuous oligomerization of ethylene to form linear alpha-olefins using a transition metal catalyst system such as hereindescribed comprising:

- introducing ethylene at a temperature from 5 to 200°C and a pressure between 101.3 to 34576 kPa (atmospheric to 5000 psig) into a reaction zone containing a polar phase consisting essentially of a solution of the transition metal catalyst system in a polar solvent selected from the group consisting of ethanol, methanol, sulfolane, ethylene glycol, 1,4-butanediol, and ethylene carbonate;
- oligomerizing ethylene in said reaction zone to afford linear alpha olefins oligomers having from 4 to more than 20 carbon atoms said oligomers consisting essentially of linear alpha-olefins and forming a hydrocarbon phase separate from said polar phase;
- continually withdrawing said hydrocarbon phase from said reaction zone and separating therefrom the C20+ oligomers;
- returning to the reaction zone a portion of the C4-C18 oligomers in an amount sufficient to maintain homogeneity in said hydrocarbon phase; and
- collecting the remaining portion of the C4-C18 oligomers substantially free of C20+ oligomers.

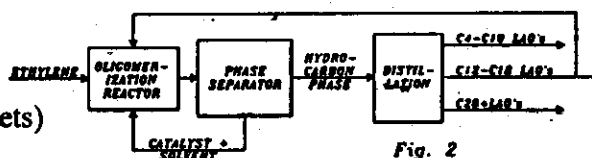


Fig. 2

(Complete Specification 13 Pages Drawing 01 Sheets)

Indian Classification : 103A
193324
International Classification⁷ : B 23P-025/00; 29/458
Title : "AN IMPROVED PROCESS FOR PREPARATION
OF CURING AGENT WITH CROSS-LINKING
PROPERTIES FOR PROPELLANT FORMULATIONS
AND PROCESS OF PREPARATION THEREOF".
Applicant : THE CHIEF CONTROLLER, RESEARCH &
DEVELOPMENT, Ministry of Defence,
Government of India, Technical Coordination
Dte., Defence Research & Dev. Orgn., B-341,
Sena Bhawan, DHQ P.O., New Delhi-110 001,
INDIA.
Inventors : VENKATRAMAN KRISHNA BHAT
DASHARATH DAGADU GAIKWAD
PRABHAKAR GOPAL SHROTRI
HARIDWAR SINGH-ALL INDIAN.
Kind of Application : COMPLETE

Application for Patent Number 20/DEL/1996 filed on 04/01/1996

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office
Delhi Branch, New Delhi – 110 008.

(06 Claims)

An improved process for preparation of curing agent with cross-linking properties for propellant formulations wherein the process comprises of heating a mixture of triol and castor oil with a diisocyanate, to a temperature of 85 to 95⁰C for one hour, adding a polyol, heating curher for 45 mins to 60mins at 90 –100⁰C obtaining the desired curing agent wherein triol and castor oil are taken in the ratio of 1:1 by weight and diisocyanate is taken in quantity 2 to 3 times the weight of the mixture of castor oil and triol and wherein further triol, polyol and castor oil are in 5:6:5 equivalent weight ratio.

(Complete Specification Pages 06 Drawing NIL Sheet)

Indian Classification :- 134 C

International Classification⁷ :- F 16 M 1/00 **193325**

Title :- "AN ENGINE SUPPORTING STRUCTURE FOR A MOTOR-BICYCLE"

Applicant :- HONDA GIKEN KOGYO KABUSHIKI KAISHA, of business at 1-1, Minamiaoyama 2-chome, Minato-ku, Tokyo, Japan.

Inventors :- HIDEKI SHIMIZU - JAPAN.

Kind of Application :- COMPLETE/CONVENTION

Application for Patent Number 131/del/1996 filed on 22/01/1996

Convention No. HEI-7-35964/Japan/01/02/1995

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office, New Delhi Branch - 110 008.

(Claims 03)

An engine supporting structure for a motor bicycle having

a main frame (5) extending rearward from a head pipe (3);

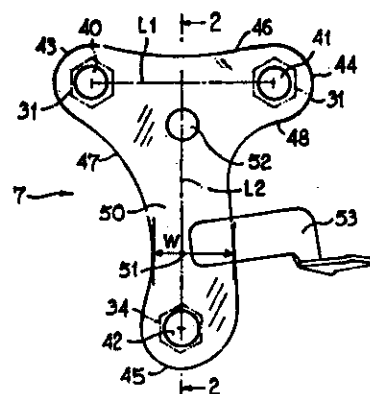
an engine disposed under said main frame (5); and

an engine hanger (7) for supporting said engine in such a manner that said engine is hung from said main frame (5) through said engine hanger (7), said engine hanger (7) having an upper end portion mounted to said main frame (5) and having a lower end portion mounted to said engine,

characterized in that

a minimum width portion (W) is provided at an intermediate portion of said engine hanger (7) in the vertical direction, and a twisting center of said engine hanger (7) is positioned at said minimum width portion.

FIG. 1



Complete Specification

No of Pages 15

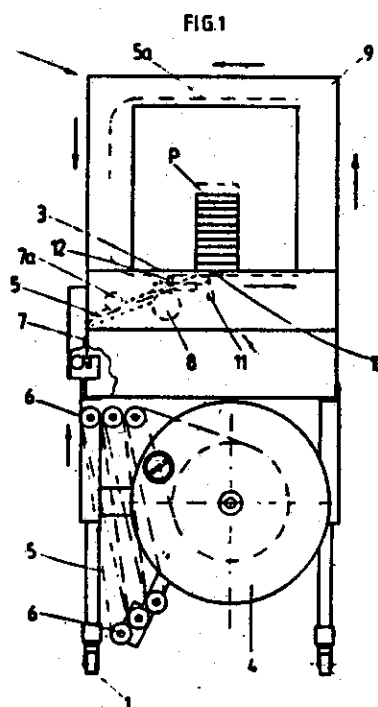
Drawings Sheets 03

Indian Classification	:-	143 D	
International Classification ⁷	:-	B 65 B 13/04	193326
Title	:-	"AN ENDLESS BAND AND METHOD AND BANDING APPARATUS FOR BANDING WITH THIS ENDLESS BAND"	
Applicant	:-	De La rue Giori S.A. 4, rue de la Paix, 1003 Lausanne / Switzerland.	
Inventors	:-	SAUER - HARTMUT - GERMAN	
Kind of Application	:-	COMPLETE	
Application for Patent Number	1171/del/1996	filed on	30/05/1996

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office, New Delhi Branch - 110 008.

(Claims 06)

An endless band (5) for the automatic banding of pack goods (P), characterised in that the endless band (5) is provided with print marks (D) at equal distances, this distance between adjacent print marks (D) being equal to the repeat length (r) of the band, which corresponds to the circumference of the largest pack goods item to be banded, plus an overlap, and in that a strip-shaped coating (L), especially a glue coat, for closing the band loops (5a to 5f) is applied transversely to the longitudinal direction of the endless band (5) at a constant predetermined distance (s) in front of each print mark (D).



wherein R is CH_2CH_3 where X is a leaving group selected from the group consisting of arylsulphonyloxy of the kind such as herein described, $\text{C}_1\text{-C}_4$ alkylsulphonyloxy, nitro or halo substituted benzenesulphonyloxy, $\text{C}_1\text{-C}_4$ perfluoroalkyl-sulphonyloxy, optionally substituted aryloxy of the kind such as herein described, $\text{C}_1\text{-C}_4$ perfluoroalkanoxyloxy, $\text{C}_1\text{-C}_4$ alkanoyloxy, halo; diazonium; methoxy, oxonium, perchloroxy, quaternaryammonium $\text{C}_1\text{-C}_4$ alkylsulphonyloxy of the kind such as herein described, halosulphonyloxy, halonium and diarylsulphonylamino wherein the reaction is carried out optionally in the presence of an inert solvent of the kind such as herein described or ROH or mixtures of both.

(Complete Specification 34 Pages ; Drawings Nil Sheets)

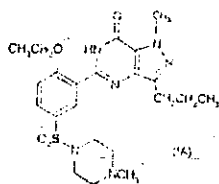
Indian Classification	:	32 F	193327
International Classification ⁷	:	C07D 487/04; C07D 403/14	
Title	:	"PROCESS FOR THE PREPARATION OF 5-[2-ETHOXY-5-(4-METHYLPIPERAZIN-1-YLSULPHONYL)PHENYL]-1-METHYL-3-N-PROPYL-1,6-DIHYDRO-7H-PYRAZOLO[4,3-d]PYRIMIDIN-7-ONE]"	
Applicant	:	PFIZER RESEARCH AND DEVELOPMENT CO. N.V/S.A., a corporation organized under the laws of Belgium of La Touch House, International Financial Services Centre, Dublin 1, Ireland,	
Inventors	:	PETER JAMES DUNN— BRITISH PHILIP CHARLES LEVETT— BRITISH	
Kind of Application	:	Convention-Complete	

Application for Patent Number 1344/Del/ 99 filed on 8th Oct. 99.
Convention date 12.10.98/ 9822238.3/ U.K.

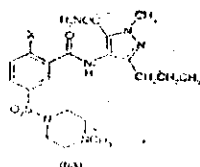
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003)
Patent Office Branch, New Delhi – 110 008.

(10 Claims)

A process for the preparation of 5-[2-ethoxy-5-(4-methylpiperazin-1-ylsulphonyl)phenyl]-1-methyl-3-n-propyl-1,6-dihydro-7H-pyrazolo[4,3-d] pyrimidin-7-one of formula (1A)



comprising reacting a compound of formula (IIA) in the presence of ⁻OR or a metal salt ZOR where Z is a cation optionally in the presence of auxiliary base of the kind such as herein described,



Indian Classification :- 208 XL II (6) **193328**

International Classification⁷ :- B 43K 23/02

Title :- "An improved pencil with reuseable extension attachment".

Applicant :- Chief Controller, Research & Development, Ministry of Defence, Government of India, Technical Coordination Dte, B-341, Sena Bhawan, DHQ, P.O. New Delhi, Indian.

Inventors :- MUKUL KIRAN PANDE - INDIAN
DEEP -CHANDRA UPRETY - INDIAN

Kind of Application :- COMPLETE

Application for Patent Number 136/del/1996 filed on 23/01/1996

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office, New Delhi Branch - 110 008.

(Claims 6)

An improved pencil with reusable extension attachment, adapted to extend the length of the said pencil, comprising of: - (a) an improved pencil (1) comprising a casing (3) having lead (2) along its axis characterized in that at least one end (6,10) of the said pencil has a cavity (6) or a projection (10), the said cavity (6) is selected from cylindrical (7) or conical (9) or threaded (8) shapes, the said projection is selected from cylindrical (11) or conical (13) or threaded (12) shapes, the said cavity (7,9,8) dimensionally matching the said projection (11, 13,12), the said pencil (1) having annular portion (4,5) square with the axis of the said pencil (1); - (b) an extension attachment (31,32,33) comprising a cylindrical body having a cavity (38) on one end and a projection (37) on the other end; the said cavity (38) selected from cylindrical, threaded (39) or conical (40) shapes; the said projection (37) selected from cylindrical or threaded (41) or conical (42) shapes, the said cavity dimensionally matching the said projection on the said extension attachment (31,32,33); the said cavity and the said projection of the said extension attachment (31,32,33) dimensionally matching the said projection (11,13,12) and the said cavity (7,9,8) of the said improved pencil (1), the said extension attachment having annular portion (36,35) square with the axis of the said extension attachment;

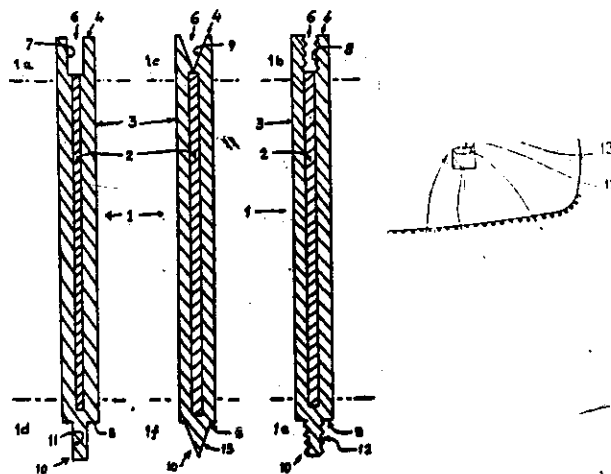


Fig. 1

Indian Classification :- 172 D 8 **193329**

International Classification⁷ :- C30B 35/00

Title :- "An Apparatus for the Continuous Crystallization of Polyester Material."

Applicant :- Buhler Ag, a Swiss company, of CH-9240 Uzwil, Switzerland.

Inventors :- HANS - GEISSBUHLER -SWITZERLAND,
HEINZ - GASSER -SWITZERLAND.

Kind of Application :- COMPLETE/CONVENTION

Application for Patent Number 24/Del/1996 filed on 01/04/1996

Convention No. 19500383.7/Germany/09/01/1995

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office, New Delhi Branch - 110 008.

(Claims 6)

An apparatus for the continuous crystallization of polyester material, consisting of a housing-like jacket (1) in which a treatment space (12) is formed, having a gas entry connection (2) and a gas outlet connection (3), a perforated base (4), a product entry means (5) and a product outlet means, characterized in that the product entry means (5) and a product outlet means (6) are arranged concentrically and parallel with the axis in the housing-like jacket (1), the product outlet means (6) being axially displaceable.

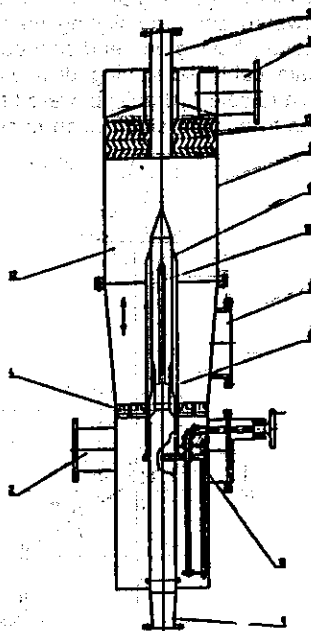


Fig. 1

Complete Specification

No of Pages

10

Drawings Sheets

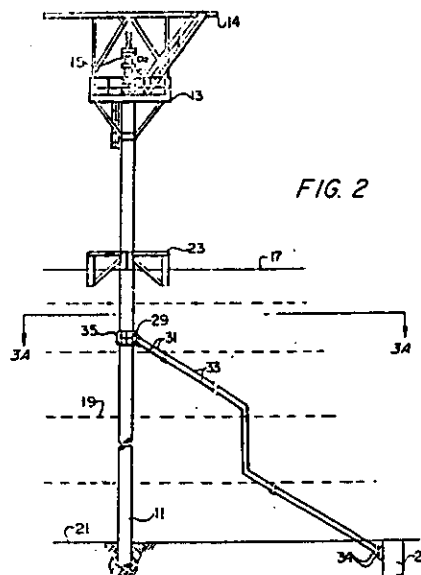
02

Indian Classification	:-	131 A	193330
International Classification ⁷	:-	E 02 B 17/00	
Title	:-	" A DEVICE FOR POSITIONING AND MAINTAINING A WELL "	
Applicant	:-	American Oilfield Divers, Inc., of 130 E. Kaliste Saloom Road, Lafayette, Louisiana 70508, United States of America.	
Inventors	:-	OZEMAN JOHN FONTENOT - U.S.A. ROBERT RUDOLPH CARRUTH - U.S.A. LOIUS JAMES HOFFPAUIR - U.S.A.	
Kind of Application	:-	COMPLETE/CONVENTION	
Application for Patent Number	1144/del/1995	filed on	20/06/1995
Convention No.	08/398,447//03/03/1995		

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office , New Delhi
Branch - 110 008.

(Claims 12)

A device for positioning and maintaining a well having a casing in vertical orientation in a body of water having a surface and a bottom, said device comprising: (a) a plurality of anchor piles positioned outwardly of said casing and embedded in said bottom and being substantially equidistant from each other; (b) encircling means attached to said well casing at a distance below said surface of said body of water; (c) a plurality of hydraulic fluid powered cable tensioning means supported on said encircling means; (d) a plurality of cable each respectively having one end connected to one of said anchor piles and an opposite end portion connected to said cable tensioning devices; and (e) power supply means for supplying pressurized hydraulic work fluid to said hydraulic powered tensioning means so as to simultaneously effect tensioning of all of said cables to provide stabilization force for positioning and maintaining said casing in vertical orientation.



Indian Classification : 5A+ 83A¹ 193331

International Classification⁴ : A01G-001/04, 435/240.

Title : "A METHOD FOR PREPARAING A MUSHROOM GROWTH PROMOTING AGENT".

Applicant : INDIAN COUNCIL OF AGRICULTURAL RESEARCH, Krishi Bhavan, Dr. Rajendra Prasad Road, New Delhi-110 001, India, an Indian registered body incorporated under the Registration of Societies Act (Act XXI) OF 1860).

Inventors : OM PRAKASH AHLAWAT-INDIAN.

Kind of Application : PROVISIONAL/COMPLETE.

Application for Patent Number 457/DEL/2001 filed on 04/04/2001.
Complete left after Provisional specification filed on 18/03/2002

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Delhi Branch, New Delhi – 110 008.

(03 Claims)

A process for producing a mushroom growth promoting agent comprising the steps of:

- a) inoculating a sterilized grain based substrate with bacteria such as herein described,
- b) incubating the above substrate for 10 to 20 days at 22 to 24⁰C to obtain a mushroom growth promoting agent, wherein the ratio of bacteria to substrate is 1:250 v/w.

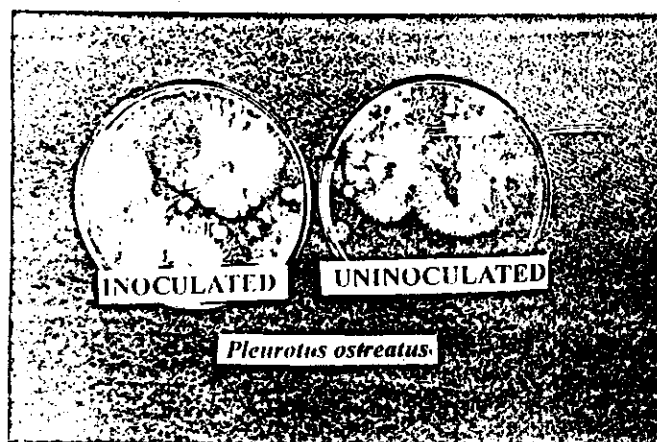


Figure-4

(Provisional specification 02 Pages Drawing NIL Sheet)
(Complete Specification 11 Pages Drawing 03 Sheets)

Indian Classification : 32B 193332

International Classification⁴ : C10M-145/36; C10M-169/04

Title : "A FLUID COMPOSITION AND A PROCESS FOR PREPARING THE SAME".

Applicant : CPI ENGINEERING SERVICES Inc., a corporation of the state of Michigan of 2300 James Savage Road, Midland, Michigan 48642, USA.

Inventors : GLENN D. SHORT-US
LARS IVAN SJOHLM-US
THOMAS E. RAJEWSKI-US

Kind of Application : COMPLETE

Application for Patent Number 1555/DEL/1995 filed on 21/08/1995

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Delhi Branch, New Delhi – 110 008.

(20 Claims)

A synergistic fluid composition for use in compression refrigeration, said fluid composition comprising:

- a. ammonia refrigerant; and
- b. at least 2 wt% of the lubricant includes polyalkylene glycol of the formula $Z-((CH_2-CH(R_1)-O)_n-(CH_2-CH(R_1)-O)_m)_p-H$ wherein

Z is a residue of a compound having 1-8 active hydrogens and a minimum number of carbon atom of six (6) carbons where Z is an aryl group and a minimum number of carbon atoms of ten (10) where Z is an alkyl group,

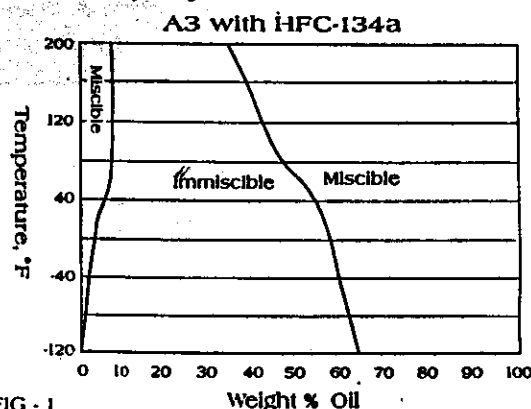
R₁ is hydrogen, methyl, ethyl, or a mixture thereof,

N is 0 or a positive number,

M is a positive number, and

P is an integer having a value equal to the number of active hydrogen of Z.

(Complete Specification Pages 49 Drawing 03 Sheets)



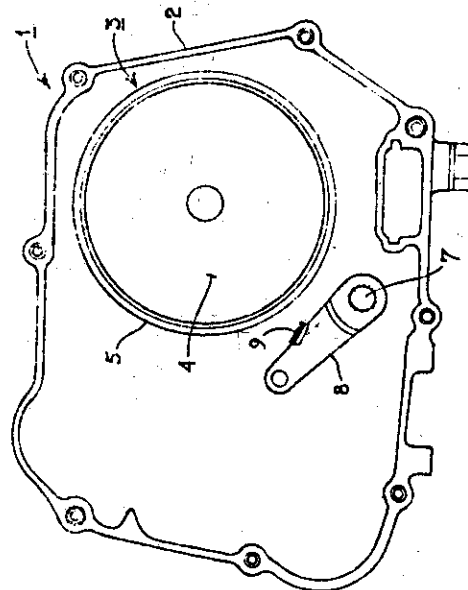
Indian Classification	:-	127 I & 134 B	193333
International Classification ⁷	:-	F 16 H 5/00	
Title	:-	"POWER TRANSMISSION DEVICE".	
Applicant	:-	HONDA GIKEN KOGYO KABUSHIKI KAISHA, of 1-1, Minamiaoyama 2-chome, Minato-ku, Tokyo, Japan,	
Inventors	:-	YOSHIKI - TSUKADA - JAPAN OSAMU - SUZUKI - JAPAN HIROAKI - KAYAMA - JAPAN MITSURU - SAITO - JAPAN	
Kind of Application	:-	COMPLETE	
Application for Patent Number	2217/del/1995	filed on	01/12/1995

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office, New Delhi
Branch - 110 008.

(Claims 06)

A power transmission device for transmitting an output from a power source to a drive wheel through a speed change mechanism having at least a neutral position and a first-speed position, said power transmission device having a structure that a part from said speed change mechanism to said power source forms an input shaft system, a part from said speed change mechanism to said drive wheel forms an output shaft system, and said input shaft system is rotated together with an output shaft of said power source when said speed change mechanism is in said neutral position; characterized by a brake shoe for braking said input shaft system, and a brake timing mechanism for operating said brake shoe only upon mode change from said neutral position to said first-speed position, said brake timing mechanism for operating said brake shoe only upon mode change from said neutral position to said first-speed position, said brake timing mechanism provided with a gear shift master arm pivotably moveable in one direction upon the mode change from said neutral position to said first-speed position and in another direction opposite to said one direction upon mode change from said first-speed position to said neutral position, and a brake arm allowing a larger swing amount of said gear shift master arm upon the mode change from said neutral position to said first-speed position than a swing amount upon other mode changes; and said brake shoe is operated together with said gear shift master arm.

FIG. 1



Indian Classification	:	5A, 55E	193334
International Classification ⁴	:	C 12 M 1/00; 3/00	
Title	:	"A DISPOSABLE DEVICE FOR AXENICALY CULTURING & HARVESTING CELLS AND/OR TISSUE".	
Applicant	:	METABOGAL LTD., an Israeli limited company, of South Industrial Area, P.O. Box 432, Kiryat Shemona 11013, <u>Israel</u>.	
Inventors	:	YOSEPH SHAALTIEL-ISRAEL.	
Kind of Application	:	COMPLETE	

Application for Patent Number **711/DEL/1998** filed on **20/03/1998**

Appropriate office for opposition proceedings (Rule 4, Patents Rules, **2003**) Patent Office Delhi Branch, New Delhi – 110 008.

(22 Claims)

A disposable device for axenically culturing and harvesting cells and/or tissue in at least one cycle, comprising a sterilisable transparent and/or translucent disposable container having a top and a bottom end, said container comprising:

- (i) gas outlet means for removing excess air and/or waste gases from said container;
- (ii) additive inlet means for introducing said inoculant and/or culture medium and/or said additives into said container; characterized by
- (iii) reusable harvesting means as herein described including flow control means as herein defined for enabling harvesting of at least a desired portion of the said medium containing cells and/or tissues when desired, and for enabling a remainder of said medium containing cells and/or tissue to remain in said container to serve as inoculant for a next culture and harvesting cycle, thereby, enabling said devices to be used continuously for at least one further consecutive culturing/harvesting cycle.

(Complete Specification Pages 34 Drawing 05 Sheets)

Indian Classification : 34A **193335**

International Classification⁴ : A 01K 67/00

Title : "AN IMPROVED METHOD FOR DEGUMMING OF SILK WITH A FUNGAL PROTEASE".

Applicant : **DEAN, INDUSTRIAL RESEARCH & DEVELOPMENT (IRD) UNIT**, Indian Institute of Technology Delhi (IITD), HAUZ KHAS, NEW DELHI-110 016 INDIA & **SECRETARY, DEPARTMENT OF BIOTECHNOLGY (DBT), GOVERNMENT OF INDIA**, Block-2(7-8th Floor), CGO Complex, Lodhi Road, New Delhi-110003.

Inventors : **MOHAN LAL GULRAJANI**
RITU AGARWAL
SUBHASH CHAND-ALL INDIAN.

Kind of Application : **COMPLETE/PROVISIONAL**

Application for Patent Number **2493/DEL/1998** filed on **25/08/1998**
Complete left after Provisional specification filed on **22/09/1999**

Appropriate office for opposition proceedings (Rule 4, Patents Rules, ~~2000~~ **2003**) Patent Office Delhi Branch, New Delhi – 110 008.

(12 Claims)

An improved method for degumming of silk with a fungal protease comprising of reacting silk yarn with fungal protease enzyme at a pH of about 10 in presence of a conventional non-ionic surfactant followed by washing with water to get degummed silk and recovering the enzyme from the washings if so desired.

(Provisional specification 07 Pages Drawing NIL Sheet)

(Complete Specification 10 Pages Drawing 01 Sheet)

Indian Classification : A61K 31/00, A61K 35/00 **193336**

International Classification⁴ : 55E₄

Title : "A PROCESS FOR PREPARATION OF HERBO-MINERAL FORMULATION FOR GENERAL IMMUNITY AND STRENGTHENING THE BODY OF CHILDREN".

Applicant : CENTRAL COUNCIL FOR RESEARCH AND AYURVEDA & SIDDHA of 61-65, Institutional Area, Opp. 'D' Block, Janakpuri, New Delhi-110 058.

Inventors : GOPALSWAMY VELUCHAMY- INDIAN.

Kind of Application : COMPLETE

Application for Patent Number **122/DEL/2001** filed on **01/02/2001**

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Delhi Branch, New Delhi – 110 008.

(03 Claims)

A process for preparation of a herbo-mineral formulation for general immunity and strengthening body of children comprising of cleaning and preparing fine powder of 25 to 75mg of Root of Shatavari (*Asparagus recemosus*), 25 to 75mg of fruit of Amalaki (*Embilica officinalis*), 15 to 50mg each of stem of Guduchi (*Tinospora cordifolia*), whole plant of Bhumyamlaki (*Phyllanthus nirurii*), whole plant of Mandukparni (*Centella asiatica*), whole plant of Bala (*Sida cordifolia*), mixing of the fine powder of each of these ingredients thus obtained, mixing thoroughly 25mg to 75mg of Bhasma of Mukta Shukti (shell of oyster pearl) prepared in conventional manner obtaining the formulation of the present invention.

(Complete Specification Pages 07 Drawing NIL Sheet)

Indian Classification : 55E₄ **193397**

International Classification⁴ : A-61K 002/02; A61K 009/50

Title : "A PROCESS FOR THE PREPARATION OF THROMBOLYTIC ENZYME, THROMBINASE".

Applicant : NATIONAL RESEARCH DEVELOPMENT CORPORATION (A Govt. of India Enterprises), 20-22, Zamroodpur Community Centre, Kailash Colony Extension, New Delhi-110 048 & Malladi Research Centre, No. 52, Jawaharlal Nehru Road, Ekkattuthangal, Chennai-600 097.

Inventors : PERURMASOM RAMAIYER MAHADEVAN CHIVUKULA SEKCHAR-BOTH INDIAN.

Kind of Application : PROVISIONAL/COMPLETE

Application for Patent Number **2671/DEL/1998** filed on **02/09/1998**
Complete left after Provisional specification filed on **04/10/1999**

Appropriate office for opposition proceedings (Rule 4, Patents Rules, ~~2000~~) Patent Office Delhi Branch, New Delhi – 110 008.

(08 Claims)

A process for preparation of thrombolytic enzyme, thrombinase from the culture filtrate of *Bacillus sphaericus* serotype H5a 5b in the culture medium consisting of 0.03 to 1.5 % of yeast extract with one or more of constituents: 0.2 to 1.5% peptone, 1 to 1.6% sodium acetate, 0.3 to 0.5% beef extract, 0.2 to 0.5% sodium chloride, 0.5 to 1% soyapeptone, and 0.68% ammonium sulphate, wherein the process comprises steps of cell removal by cross flow filtration using 0.22µ filter, subjecting the cell supernatant thus obtained to two step ultra filtration using 1,00,000MW (Molecular Weight) out off membrane followed by ultra filtration of the filtrate, salting out the retentate with ammonium sulphate, subjecting it to dialysis, reprecipitating it using ice-cold acetone, reconstituting in buffer, decolorizing by using modified CDR (cel debris remover) treatment, as herein described, dialyzing, lyophilizing and purification firstly by preferably ion exchange chromatography followed by gel filtration chromatography, dialyzing the fraction showing fibrinolytic activity and lyophilizing to obtain purified thrombinase having a molecular weight of 31,700.

(Provisional specification 09 Pages Drawing NIL Sheet)

(Complete Specification 11 Pages Drawing 01 Sheet)

Indian Classification	:	83-XIV	193338
International Classification ⁴	:	A 23L- 001/221; 426/533.	
Title	:	"A PROCESS FOR PREPARAING ONE OR MORE NATURAL TASTANDS FROM SACCHARUM OFFICINARUM LEAVES"	
Applicant	:	INTERNATIONAL FLAVORS & FRAGRANCES INC., a corporation of the State of New York in the United States of America located at 521 West 57th Street, New York, New York 10019 (USA).	
Inventors	:	BRAN GRAINGER ALAN OWEN PITTET-UK KEVIN PATRICK MILLER-US MARVIN SCHULMAN-US RANYA MURALIDHARA-US WILLIAM JAMES KINLIN-US CARLOS RAMIREZ-US MICHAEL FREDERICK JAVES-US JACOB KIWALA-US ROBERT KLEINHENZ-US PHILLIP ANDREW ROSSY-CANADA RICHARD HARLEY DAVIDSON-US PAUL LAMBERT BOLEN-US IRA TIMOTHY WARDER-US. REGINA DIANE HAWN	
Kind of Application	:	COMPLETE/CONVENTION	

Application for Patent Number **357/DEL/99** filed on **03/03/1999**

Convention date: 09/038,945; 12.03.1998; USA.

Appropriate office for opposition proceedings (Rule 4, Patents Rules., 2003) Patent Office
Delhi Branch, New Delhi – 110 008.

(11 Claims)

A process for preparing one or more natural tastands such as herein described for use in natural food, beverage, chewing gum, oral care additive composition or tobacco additive composition such as herein described, said process comprising the step of:

- (a) taking saccharum officinarum leaves, macerates thereof or a mixture of saccharum officinarum leaves and macerates thereof;
- (b) obtaining an liquid extract by a conventional method such as herein described from the saccharum officinarum leaves, macerates or mixture thereof, and
- (c) isolating the natural tastands from the liquid extract of step (b) by a conventional process such as herein described.

(Complete Specification Pages 101 Drawing 42 Sheets)

Indian Classification :- 87 B **193339**

International Classification :- A 63B 41/02

Title :- "Process for the manufacture of a bladder shell having low air permeability and high bounce properties".

Applicant :- ENKAY (INDIA) RUBBER COMPANY PVT. LTD., of B-3, SMA Industrial Estate, G.T. Karnal Road, Delhi - 33, India.

Inventors :- SATISH - JAIN - INDIAN.
NARESH - JAIN - INDIAN
ANIL - JAIN - INDIAN
VIPIN - JAIN - INDIAN
JINESH - JAIN - INDIAN

Kind of Application :- PROVISIONAL/COMPLETE

Application for Patent Number 1342/del/1999 filed on 08/10/1999

Complete left after Provisional Specification filed on : 08/10/1999 Complete filed on : 01/01/1900

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office, New Delhi Branch - 110 008.

(Claims 9)

A process for the manufacture of bladder shell for inflatable balls having low air permeability and high bounce properties comprising the steps of.

- a) cleaning a former as herein described;
- b) dipping the said cleaned former into a first coagulant bath as herein described at a temperature of 20-95° C to obtain a first coagulant coated former;
- c) drying the said first coagulant coated former at a temperature of 20-70 degrees C.;
- d) dipping the dried coagulant coated former into a compounded synthetic latex bath having total solids of 40-65% by weight in a water based solution at a temperature of 20-45° C for a period of 1 to 4 minutes to obtain a resulting layer of compounded synthetic latex on said first

- coagulant coated former;
- e) drying the former with the layer of compounded synthetic latex;
 - f) dipping the dried former having layer of compounded latex into a second coagulant bath as herein described at a temperature of 20-95° C to obtain a coating of second coagulant on the layer of compounded synthetic latex on the former;
 - g) drying the second coagulant coated former;
 - h) dipping the dried second coagulant coated former into a compounded natural rubber latex bath having 40-65% by weight water based solution for a period of 1 to 4 minute, at a temperature of 20-45° C to obtain a layer of compounded natural rubber latex on second coagulant coated former;
 - i) drying the former with the layer of compounded natural rubber latex;
 - j) leaching the former with the layer of compounded natural rubber latex in hot water for 8 to 10 minutes to remove compounded ingredients from the surface and drying the former in an oven at a temperature of 55-115° C;
 - k) vulcanising the leached and dried former at a temperature of 100-140 degrees C to form a resultant former comprising a layer of compounded natural rubber latex and a layer of compounded synthetic latex laminated together and cross-linked integrally to each other;
 - l) cooling the resultant former;
 - m) stripping the said laminate from the said cooled resultant former to obtain a bladder shell for an inflatable ball;
 - n) washing the stripped shell with water to remove any extraneous material, drying the washed shell in hot air room and post curing the washed shell at 60-90 degrees C for 8 to 12 hours.

Provisional Specification	No of Pages	7	Drawings Sheets	NIL
Complete Specification	No of Pages	19	Drawings Sheets	2

Indian Classification :- 87B **193340**

International Classification⁷ :- A 63B 41/02

Title :- "Process for the manufacture of a bladder shell having low air permeability and high bounce properties".

Applicant :- ENKAY (INDIA) RUBBER COMPANY PVT. LTD., an Indian Company, of B-3, SMA Industrial Estate, G.T. Karnal Road, Delhi - 110 033, India.

Inventors :- SATISH - JAIN
NARESH - JAIN
ANIL - JAIN
VIPIN - JAIN
JINESH - JAIN

Kind of Application :- PROVISIONAL/COMPLETE

Application for Patent Number 1343/del/1999 filed on 08/10/1999

Complete left after Provisional Specification on : 19/11/99

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office, New Delhi Branch - 110 008.

(Claims 6)

A process for the manufacture of bladder shell for inflatable balls comprising the steps of:

- a) cleaning a former as herein described;
- b) dipping the said cleaned former into a first coagulant bath at a temperature of 10-35° C to obtain a first coagulant coated former;
- c) drying the said first coagulant coated former;
- d) dipping the said dried coagulant coated former into a blended synthetic latex and natural rubber latex bath in a ratio of 80:20 to 20:80, compounded with compounding ingredients having total solids of 40-65% by weight in a water based solution for a period of 1 to 4 minutes depending upon the thickness required at a temperature of 20-45° C to obtain a layer of blended natural rubber latex and synthetic latex on the said former;
- e) drying the said former having a layer of said blended natural rubber latex and synthetic latex;
- f) leaching the said former having a layer of blended natural rubber latex and synthetic latex compounded in hot water for 8-10 minutes to remove any extraneous material from the surface and drying the said former in an oven at a temperature of 55-115° C;
- g) vulcanising the said leached former in an oven resulting in the said former having a blended layer of compounded natural rubber latex and synthetic latex at temperature of 100-140 degrees C in hot air;
- h) cooling the said resultant former;
- i) stripping the said layer of blended natural rubber latex and synthetic latex off the resultant former to obtain a shell for a bladder for an inflatable ball;
- j) washing the said stripped shell with water to remove any extraneous material, drying the washed shell in hot air room and post curing the said washed shell at 60-90 degrees C for 8 to 12 hours.

Provisional Specification	No of Pages	6	Drawings Sheets	2
Complete Specification	No of Pages	15	Drawings Sheets	

Indian Classification	:	39E	193341
International Classification ⁴	:	A 61K 7/02; A 61K 7/06	
Title	:	"COSMETIC COMPOSITION".	
Applicant	:	REVLON CONSUMER PRODUCTS CORPORATION , a corporation of the State of Delaware, having a place of business at 625 Madison Avenue, New York, New York 10022, USA.	
Inventors	:	HERNANDO BRIEVA-USA JULIO GANS RUSS-USA IDA MARIE SANDEWICZ-USA.	
Kind of Application	:	COMPLETE	

Application for Patent Number **1957/DEL/1995** filed on **25/10/1995**

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003)-Patent Office
Delhi Branch, New Delhi – 110 008.

(16 Claims)

A cosmetic composition in the form of a water and oil emulsion comprising:

- (a) from 0.1 to 60% by weight of trimethylated silica;
- (b) from 0.1 to 60% by weight of a volatile solvent having a viscosity of from 0.5 to 100mPa.s at 25°C;
- (c) from 0.1 to 60% by weight of dimethicone and/or dimethicone copolyol; and
- (d) from 0.1 to 80% by weight of a cosmetically acceptable carrier;

wherein the volatile solvent comprises a volatile silicone and wherein at least a portion of the trimethylated silica and the volatile silicone are present as a pre-blended mixture.

(Complete Specification Pages 18 Drawing NIL Sheet)

Indian Classification :- 154 F 193342

International Classification⁷ :- B 41F 13/02

Title :- "A Web-Fed Rotary Press".

Applicant :- Maschinenfabrik Wifag, of Wylerringstrasse 39, CH-3001 Bern, Switzerland.

Inventors :- STEIN - GOTZ - Swiss citizen
MCEVOY - NOEL - Swiss citizen
LEHMANN - EMST - Swiss citizen
TARCHINI - MARCELLO - Swiss citizen

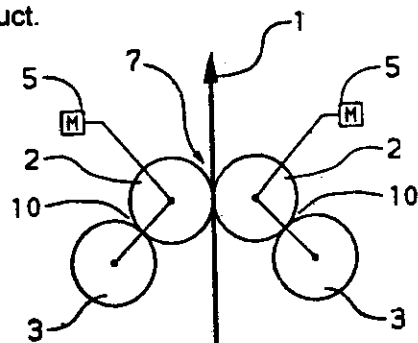
Kind of Application :- COMPLETE

Application for Patent Number 1941/del/1995 filed on 24/10/1995

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office, New Delhi Branch - 110 008.

(Claims 18)

A web-fed rotary press, comprising: - an adjustable reel changer for accommodating printing material webs of different widths; - cylinder pairs, each of said cylinder pairs including a printing cylinder and a plate cylinder and including means for changing a position of said printing cylinder from an inactive position to an engaged position with said printing cylinder engaging one of another printing cylinder and a counter cylinder to form a printing couple, each printing couple forming a printing station whereby a plurality of printing stations are provided; - an adjustable folder; and - automatic adjustment means for adjusting the width of said reel changer, for adjusting the position of at least one said printing cylinder to change the state of at least one printing couple from engaged to inactive or from inactive to engaged and changing components of the said folder automatically and in a mutually coordinated manner during the run of the press to change over the production from a first printed product to a second printed product.



Complete Specification

No of Pages

27

Drawings Sheets

04

Indian Classification	:-	33 F	193343
International Classification ⁷	:-	B 22D 11/04; B22D 11/07	
Title	:-	"A continuous casting method for casting a billet and a casting mold for the same".	
Applicant	:-	NIPPON STEEL CORPORATION, a Japanese corporation, of 6-3, Otemachi 2-chome, Chiyoda-ku, Tokyo, Japan.	
Inventors	:-	MASATSUGU - UEHARA -JAPAN, TOSHIKI - SATO -JAPAN, TERUO - FUGINAGA -JAPAN, KAZUTOKI - NAKAO -JAPAN.	
Kind of Application	:-	COMPLETE/CONVENTION	
Application for Patent Number	2413/Del/1995	filed on	26/12/1995
Convention No.	6-340601/Japan/28/12/1994		
Convention No.	7-287837/Japan/09/10/1995		

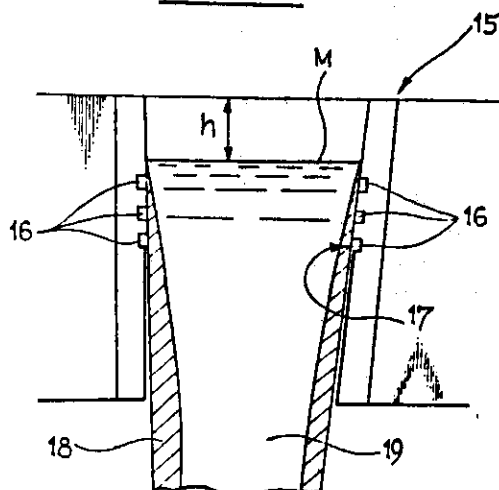
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office, New Delhi
Branch - 110 008.

(Claims 8)

A continuous casting method for casting a billet by charging a molten metal or its source or its alloy of the kind such as herein described into a casting mold from the upper portion oscillating in a vertical direction characterized in that the said method comprises the steps of : a) forming recess portions each comprising one or a plurality of transverse grooves or a large number of dimples on the four inner peripheral surfaces of said casting mold below and within a distance of 200 mm from the lowermost position of a meniscus under a steady operation state, passing the solidified shell from step-a) through the air gap portions, and c) gradually cooling in the manner such as herein described the said solidified shell from step-b) so as to make a cooling capacity of each inner surface of said casting mold substantially uniform.

FIG. 10

Remfry & Sagar,



Complete Specification

No of Pages

26

Drawings Sheets

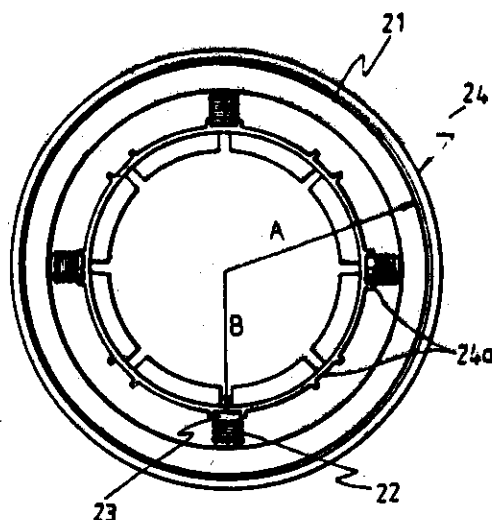
14

Indian Classification	2 A1	193344
International Classification ⁷	H01 J 29/02, H01J 29/76	
Title	"Convergence yoke of cathode ray tube"	
Applicant	LG Electronics Inc. a Korean Corporation whose address is 20 Yoido-dong, Youndungpo-ku, Seoul, Korea.	
Inventors	JONG HO LIM - KOREAN	
Kind of Application	COMPLETE	
Application for Patent Number	1234/Del/1995	filed on 04/07/1995

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office, New Delhi Branch - 110 008.

(Claims 3)

A convergence yoke of a cathode ray tube, characterized with comprising a core (21) in a ring form; a plurality of a magnetic pole piece (23); and, a holder (24) for coupling each of the said magnetic pole pieces to an inside circumference of the said core so that the said magnetic pole pieces are to be in contact with the said core, said holder having a plurality of supporting means for supporting the said magnetic pole pieces when the said core and the said magnetic pole pieces are coupled.



Complete Specification

No of Pages

13

Drawings Sheets

6

Indian Classification	:	32F ₂ (b)	193345
International Classification ⁴	:	C06B 45/00	
Title	:	"A PROCESS FOR PREPARATION OF AN IMPROVED ELASTOMER DOUBLE BASE COMPOSITE PROPELLANT".	
Applicant	:	THE CHIEF CONTROLLER, RESEARCH & DEVELOPMENT, MINISTRY OF DEFENCE, GOVERNMENT OF INDIA, NEW DELHI INDIA.	
Inventors	:	VENKATRAMAN KRISHNA BHAT MADHAV YADAVRAO DESHMUKH PRABHAKAR GOPAL SHROTRI HARIDWAR SINGH-ALL INDIAN.	
Kind of Application	:	COMPLETE	

Application for Patent Number **2391/DEL/1995** filed on **21/12/1995**

Appropriate office for opposition proceedings (Rule 4, Patents Rules, - 2003) - Patent Office Delhi Branch, New Delhi - 110 008.

(09 Claims)

A process for preparation of an improved elastomer double base composite propellant comprising the steps of:-

- (a) preparing a block copolymer by reacting Hydroxy-Terminated-Poly-Butadiene(HTPB) with caprolactone monomer;
- (b) reacting 8-11 parts of blocks co-polymer thus obtained by step (a) with 14-18 parts of Nitro-Glycerine (NG) as a liquid oxidizer and 1.5 to 2 parts of diethylphthalate as an inert plasticiser, at a temperature of 45 to 60° C, in a reaction vessel, thus obtaining an elastomer-binder;
- (c) preparing curing agent by mixing polyols and toluene diisocyanate in the ratio of 1:3;
- (d) mixing with the elastomer-binder obtained by step (b) 1.5 to 2.5 parts of curing agent obtained by step (c) with constant stirring for 20 to 40 minutes followed by addition of 0.5 to 1 part of nitrocellulose as a propellant, 16 parts of aluminium powder as metallic fuel, 0.5 parts of carbamate as stabilizer, 49 to 58 parts of ammonium perchlorate comprises mixture of ammonium perchlorate comprises mixture of ammonium perchlorate particles of two sizes with 14 to 17 parts of 8 to 10 micron size and 35 to 41 parts of 150-250 microns size, and wherein further said catalyst mixture comprises 0.02 parts of ferric acetic acetate and 0.02 parts of triphenyl bismuth;
- (e) casting of propellant formulation in metallic moulds at a temperature of 45 to 70° C under partial vacuum of less than 10mm Hg.

(Complete Specification Pages 10 Drawing NIL Sheet)

Indian Classification :- 94 G 193346

International Classification⁷ :- B 21 B 31/07

Title :- " A MODULAR ROLLING MILL "

Applicant :- MORGAN CONSTRUCTION COMPANY, of Massachusetts, United States of America, of 15 Belmont Street, Worcester, Massachusetts 01605, United States of America.

Inventors :- TERENCE MICHAEL SHORE - USA

Kind of Application :- COMPLETE/CONVENTION

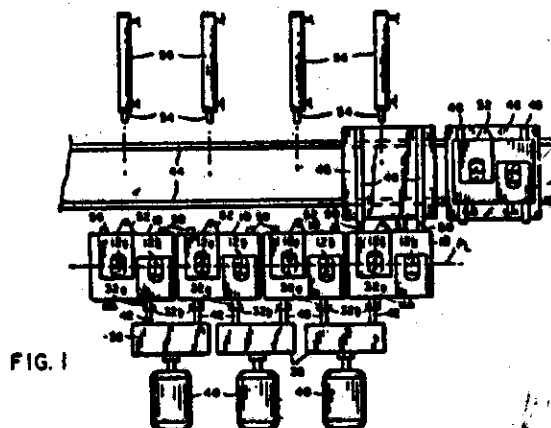
Application for Patent Number 1348/del/1995 filed on 19/07/1995

Convention No. 5,595,083/United States of America/01/08/1994

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office , New Delhi Branch - 110 008.

(Claims 09)

A modular rolling mill comprising: - a plurality of rolling units (10) connected in succession on a mill pass line (P), each rolling unit having multiple pairs of mechanically interconnected work rolls (12a, 12b); - a plurality of gear reduction units (38) connected in succession alongside said mill pass line, each gear reduction unit being driven by a drive motor (40); and - coupling means (32a, 32b) for detachably connecting at least some of said rolling units to two successive gear reduction units and for connecting other of said rolling units to single gear reduction units.



Complete Specification

No of Pages

10

Drawings Sheets

04

Indian Classification	:	167 G	193347
International Classification ⁷	:	B 07 B 1/26; B 07 B 1/42	
Title	:	"APPARATUS FOR SIEVING A PARTICULATE MATERIAL INTO SELECTED SIZE FRACTIONS"	
Applicant	:	TECHNOLOGICAL RESOURCES PTY LIMITED, of 55 collins Street Melbourne, Victoria 3000, Australia.	
Inventors	:	MELVYN JOHN JUDD - Australian.	
Kind of Application	:	COMPLETE/CONVENTION	

Application for Patent Number 2173/DEL/1995 filed on 27th November 1995.

Convention No. PM-9692/Australia/25/11/1994

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 2003), Patent Office, New Delhi Branch - 110008.

(16 Claims)

An apparatus for sieving a particulate material into selected size fractions comprising :

- (a) a screen for separating the particulate material into an undersize fraction and an oversize fraction the screen having an inlet end for introducing particulate material to the screen and an outlet end for discharging the oversize fraction;
- (b) a means for receiving the undersize fraction from the screen; characterized by
- (c) a rotating drive means for rotating or oscillating the screen about an axis of the screen; and
- (d) an additional twin phase drive means coupled to the screen for driving the screen in two directions, in a first direction along said axis of the screen for imparting or generally horizontal motion and in a second direction orthogonal thereto for imparting a generally vertical motion.

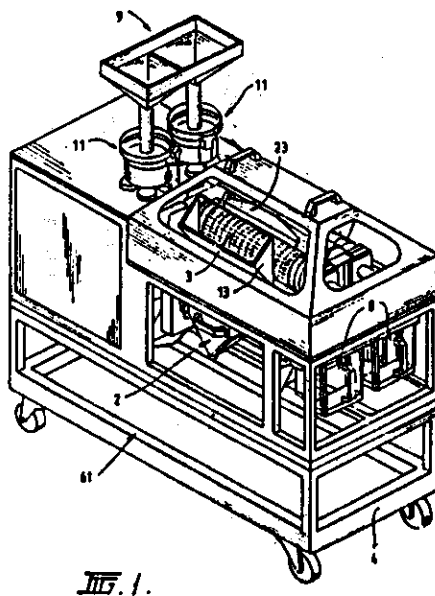


Fig. 1.

Indian Classification :- 58 A **193348**

International Classification⁷ :- E 06B 7/30, G 02B 25/04

Title :- "A door viewer".

Applicant :- Arun Kumar, an Indian National of 12 Sham Nath Marg, Delhi - 54., India.

Inventors :- ARUN - KUMAR - Indian.

Kind of Application :- PROVISIONAL/COMPLETE

Application for Patent Number 2243/del/1995 filed on 04/12/1995

Complete left after Provisional Specification on 04/03/1997

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office, New Delhi Branch - 110 008.

(Claims 2)

A door viewer comprising: - an objective lens (L) provided in a prism holder (3) comprising two prisms (1,2) with their one angle greater than 90° , their longer sides abutting each other, - characterised in that: - a front lens comprising a double convex lens (4) is provided at the front end of the barrel (5), - a rear lens comprising a convex-concave lens (6), is disposed in the said barrel (5) at a distance equal to the focal length of the said double convex lens (4) from the said double convex lens, - an eyepiece comprising a plain ground lens (7) is provided at rear of the said barrel (5) at a distance equal to the focal length of the said convex-concave lens (6) from the said convex-concave lens.

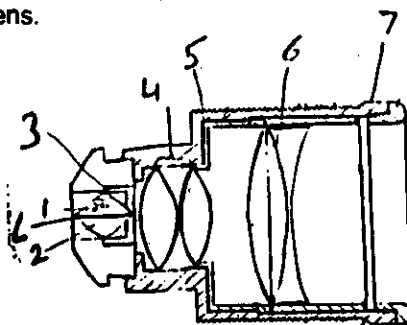


Fig-1

Provisional Specification	No of Pages	4	Drawings Sheets	NIL
Complete Specification	No of Pages	06	Drawings Sheets	01

Indian Classification : 134B 193349
 International Classification⁷ : F 16D 13/52; F 16D 47/04
 Title : "A CLUTCH STRUCTURE FOR A FRICTION CLUTCH"
 Applicant : HONDA GIKEN KOGYO KABUSHIKI KAISHA, at 1-1, Minamiaoyama 2 chome,
 Minato-ku, Tokyo, Japan
 Inventors : YOSHIAKI TSUKADA-JAPAN
 KAZUHIKO NAKAMURA-JAPAN
 KIROAKI KAYAMA-JAPAN

Kind of Application : COMPLETE

Application for Patent Number 1574/del/1995 filed on 23/08/1995

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 2003), Patent Office, New Delhi Branch - 110008.

(07 Claims)

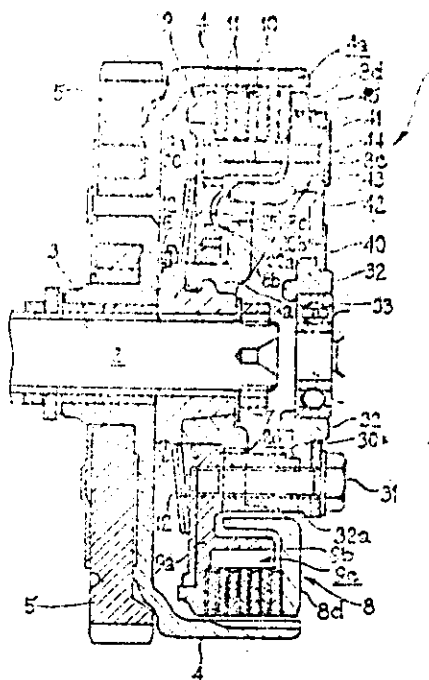
A clutch structure of a friction clutch for connecting/disconnecting a power transmission between a clutch input shaft and a clutch output shaft by contracting/extending an interval between a clutch center and a pressure plate on the clutch output shaft side, comprising :

a reverse torque limiter mechanism as described herein for moving said pressure plate in the direction of enlarging an interval between said pressure plate and said clutch center by the input of a reverse torque;

characterised by

a limiter cancel mechanism as herein described for controlling said reverse torque limiter mechanism not to be operated in the case where the rotational frequency of said clutch center is an idling rotational frequency or less.

FIG. 1



Indian Classification	:	62	193350
International Classification ⁴ in ⁴	:	D21C-009/10; 009/16	
Title	:	"BLEACHING OF FILLED PAPER".	
Applicant	:	MINERALS TECHNOLOGIES INC. , a corporation organized and existing under the laws of the State of Delaware, of 405 Lexington Avenue, New York, New York 10174-1901, USA.	
Inventors	:	KENDALL DONALD DRUMMOND-USA	
Kind of Application	:	COMPLETE	

Application for Patent Number **2167/DEL/1995** filed on **27/11/1995**.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Delhi Branch, New Delhi – 110 008.

(10 Claims)

An improved process for making a filled paper having brightness comprising the step of treating the filled paper with about 0.1% to about 50% by weight of bleaching agent selected from hydrogen peroxide, sodium borohydride and sodium hydrosulfite for a time period in the range of about 30 seconds to about 45 minutes.

(Complete Specification Pages 14 Drawing NIL Sheet)

Indian Classification :- 67 A **193351**

International Classification⁷ :- G 08 B 21/00

Title :- " OVERSPEED WARNING DEVICE FOR VEHICLES "

Applicant :- SEMI CONDUCTOR COMPLEX LIMITED, A Government of India Enterprise, Phase VIII, SAS Nagar - 160 059, Punjab, India.

Inventors :- ASHWANI TUKNAYAT - INDIA.

Kind of Application :- COMPLETE

Application for Patent Number 1422/del/1995 filed on 31/07/1995

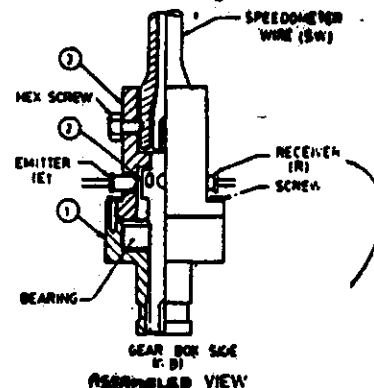
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office, New Delhi Branch - 110 008.

(Claims 04)

Overspeed warning device for vehicles comprising a speed sensor

- a digital counter is connected to the output of said speed sensor
- a reset circuit is connected to the said digital counter for resetting the digital counter,
- a comparator is connected to the said digital counter for comparing the speed with a reference speed generated by the reference signal generator, and
- an alarm circuit is connected to the comparator, wherein the alarm circuit is activated to alert the driver of the vehicle by an audio visual alarm when the sensed speed excels the reference speed

characterized in that said speed sensor comprises of a spindle having a shutter for interrupting the infrared light beam from the emitter to the receiver & holding means for holding the emitter, receiver and spindle.



Complete Specification

No of Pages

06

Drawings Sheets

03

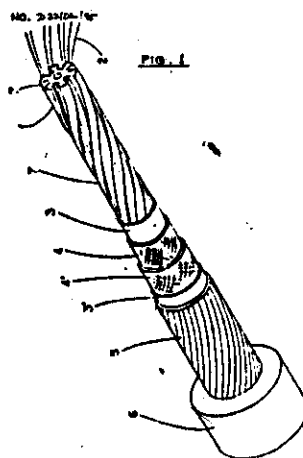
FIG. 3

Indian Classification	:-	146 D	193352
International Classification ⁷	:-	G 02 B 6/44	
Title	:-	" An optical cable protected against humidity "	
Applicant	:-	Pirelli Cavi S.P.A., of Viale Sarca, 222, 20126 Milano Italy.	
Inventors	:-	PIETRO ANELLI - Italy. CLAUDIO BOSISIO - Italy.	
Kind of Application	:-	COMPLETE	
Application for Patent Number		2122/del/1995	filed on 20/11/1995

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office, New Delhi Branch - 110 008.

(Claims 10)

An optical cable protected against humidity comprising (a) at least a closed first longitudinal housing (1,3) containing at least an optical fiber (2), (b) an outer coating (6,6') permeable to water, and (c) a second longitudinal housing (3', 4) comprising a moisture-absorbing composition characterized in that said moisture-absorbing composition after absorption of more than 50% by weight of water releases less than 5% by weight of water at 60°C in two hours, and in that said moisture-absorbing composition comprises from 45 to 60% by weight of a fluid hydrophobic compound (Component A) and from 40 to 55% by weight of a moisture-absorbing compound (Component B).



Complete Specification

No of Pages

23

Drawings Sheets

02

Indian Classification :- 58 A 193353

International Classification⁷ :- E 06B 7/30, G 02B 25/04

Title :- "An improved door viewer".

Applicant :- Arun Kumar, an Indian National of 12 Sham Nath Marg, Delhi 54.

Inventors :- ARUN - KUMAR - INDIAN

Kind of Application :- PROVISIONAL/COMPLETE

Application for Patent Number 2241/del/1995 filed on 04/12/1995

Complete left after Provisional Specification on 04/03/1997

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office, New Delhi Branch - 110 008.

(Claims 2)

An improved door viewer comprising: - two prisms (1,2) abutting each other at the hypotenuse surfaces, held in prism holder (3), which is adapted to be fixed at the front end of lens barrel (4), - a front convex lens (5) having a front concave surface and rear convex surface provided in the said barrel (4) at a distance equal to the focal length of the front convex lens (5) from the prisms (1, 2), - characterised in that: - a convex lens eyepiece (6), is provided at the rear end of the said barrel (4) at a distance equal to the focal length of the said eyepiece (6) from the said front convex lens (5).

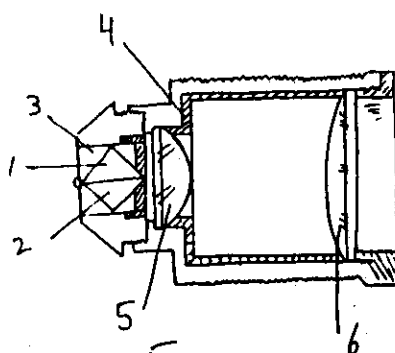


Fig. 1.

Provisional Specification	No of Pages	4	Drawings Sheets	
Complete Specification	No of Pages	06	Drawings Sheets	01

Indian Classification	:	32-3(b)	193354
International Classification ⁴	:	C08F 236/04, 236/20	
Title	:	"A PROCESS FOR STRUCTURALLY ISOMERIZING LINEAR OLEEFIN".	
Applicant	:	SHELL OIL COMPANY , incorporated under the laws of the State of Delaware, of 900 Louisiana Street, Houston, Texas 77002, USA.	
Inventors	:	BRENDAN DERMOT MURRAY BRUCE HERMAN CHARLES WINQUIST DONALD HENRY POWERS JON BRAIN WISE RICHARD BRIAN HALSEY-ALL US	
Kind of Application	:	COMPLETE	

Application for Patent Number **1684/DEL/1994** filed on **23/12/1994**.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Delhi Branch, New Delhi – 110 008.

(23 Claims)

A process for structurally isomerizing a linearolefin of at least 4 carbon atoms to its corresponding methyl branched isoolefin which comprises:

- (a) contacting, in a manner such as herein described, at a temperature of from 200⁰C to 650⁰C, a hydrocarbon feed stream containing at least one said linear olefin with an isomerizing catalyst comprising (i) at least one zeolite with one or more one-dimensional pore structure having a pore size greater than 0.42 nm and less than 0.7 nm, (ii) a binder and (iii) up to 15% by weight of a coke oxidation-promoting metal of the kind such as herein described;
- (b) ceasing, in a manner such as herein described, contact of the feed stream with the catalyst after coke build-up on the surface of the catalyst;
- (c) contacting, in a manner such as herein described, the thus-coked catalyst with an oxygen-containing gas at a temperature not exceeding 565⁰C, a system pressure of greater than 1 atmosphere, and an oxygen partial pressure of from 0.0001 to 40 atmospheres to burn off coke from the catalyst; and
- (d) contacting, in a manner such as herein described, the catalyst from step (c) with a hydrocarbon feed stream containing at least one said linear olefin at a temperature of from 200⁰C to 650⁰C to obtain isomerized linear olefin.

(Complete Specification Pages 41 Drawing 01 Sheet)

Indian Classification :- 205 G 193355

International Classification⁷ :- B 60C 25/16

Title :- "TIRE PUNCTURE REPAIR DEVICE"

Applicant :- MENG-CHANG LEE, of 4F, No. 33, 38 Alley, Tai-He Street, Chungho Country, Taipei Hsuan, Taiwan.

Inventors :- MENG-CHANG LEE - CHINESE.

Kind of Application :- COMPLETE

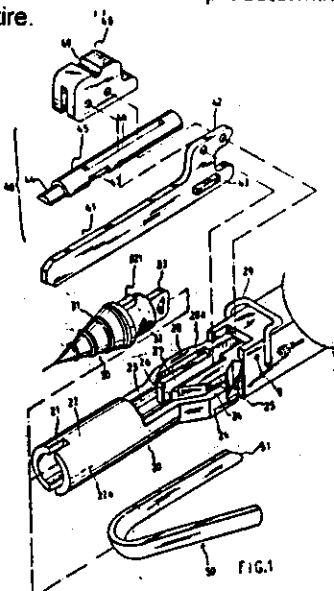
Application for Patent Number 734/del/94 filed on 08/06/94

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office, New Delhi Branch - 110 008.

(Claims 6)

A tire puncture repair device comprising: - a handle (10) member; - an elongate (20) shank member fixed on a first end thereof to said handle member (10), said shank (20) member having a central bore in a cylindrical second end portion thereof and at least one axially aligned first coupling surface extending from the terminal end thereof; - a conical (30) penetrator member having a helical (31) thread formed there around for boring through a tire puncture, said penetrator (30) member having an eyelet (33) below the base thereof and at least one axially aligned second coupling surface for engagement with corresponding at least one axially aligned first coupling surface on said shank (20) member, - a securing means for releasably securing a portion of either end of the folded said obturating (50) member to medial positions between the second end of said shank (20) member and said handle (10) member after insertion of said obturating (50) member into the bore (22a) of said shank member (20), - a bolt (41) member engageable with said penetrator (30) member through the bore of said shank (20) member for urging said penetrator (30) member away from the terminal end of said shank (20) member to have a predetermined separation therefrom after penetration of a wall of a tire.

portions forming part of said at least one diaphragm spring, with at least one of said ramps, wherein at least in the engage latch, the biasing force generated by the diaphragm spring is



Complete Specification

No of Pages

11

Drawings Sheets

5

Indian Classification :- 156 A, G **193356**

International Classification⁷ :- F 04B 9/04

Title :- "A Fuel Pump"

Applicant :- Stanadyne Automotive Corp., of 92 Deerfield Road,
Windsor, Connecticut 06095, United States of America.

Inventors :- ILIJA - DJORDJEVIC -U.S.

Kind of Application :- COMPLETE/CONVENTION

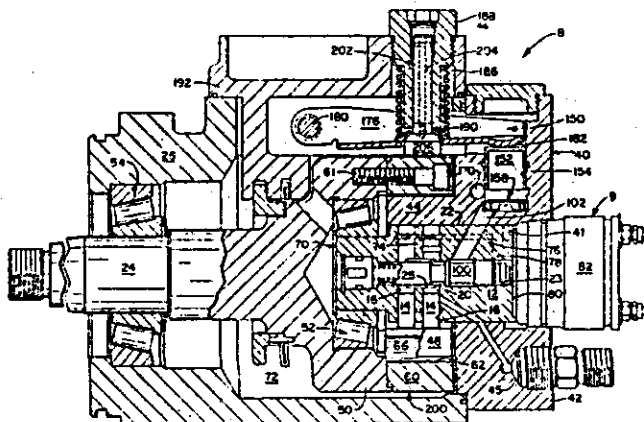
Application for Patent Number 1474/del/1995 filed on 07/08/1995

Convention No. 08/459032/ 2.6.95/ U.S.A.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office, New Delhi Branch - 110 008.

(Claims 13)

A fuel pump [8] having rotary drive means [24]; a high pressure pump [70] with a pump body [12] with a pumping chamber [20] with a plurality of annularly placed pumping plunger bores [16] extending radially outwardly from a cam axis, a pumping plunger [14] mounted in each pumping plunger bore [16] for reciprocation and an annular cam ring [60] surrounding the pump body [12] and rotatable about said cam axis by the rotary drive means [24], said cam ring [60] having first cam surface means [62] for reciprocating each pumping plunger [14] to provide alternating intake and pumping phases of operation of the high pressure pump [70], at a frequency determined by the speed of the rotary drive means [24], for respectively receiving an intake charge of fuel and delivering fuel from the pumping chamber [20] at high pressure; and a transfer pump [150] for transferring fuel under pressure for delivery to the pumping chamber [20], the transfer pump [150] comprising a transfer plunger bore [154], and a transfer plunger [152] mounted in the transfer plunger bore [154] for reciprocation to provide alternating intake and transfer phases of operation of the transfer pump [150], said annular cam ring [60] operating said transfer pump [150] at the same frequency as the high pressure pump and in predetermined synchronism with the high pressure pump [70] to transfer fuel intermittently for delivery to the high pressure pumping chamber [20], wherein said annular cam ring [60] has second cam surface means [200] for operating said transfer pump [150].



Indian Classification	:	55E ₄	193357
International Classification ⁴	:	C02F-001/78; C02F-009/00.	
Title	:	"A METHOD OF DETECTION OF E.COLI, OTHER COLIFORMS AND PATHOGENIC ORGANISMS IN WATER".	
Applicant	:	THE ADDITIONAL DIRECTOR (IPR), Defence Research & Development organization, Ministry of Defence, Government of India, B-341, Sena Bhawan, DHQ P.O. NEW DELHI-110011.	
Inventors	:	DEEPTI DILEEP DEOBAGKAR VEENA ABHAY LIMAYE CHANDRASHEKHAR MADHAV CHITALE- ALL INDIAN	
Kind of Application	:	COMPLETE	

Application for Patent Number **1151/DEL/2000** filed on **13/12/2000**.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Delhi Branch, New Delhi – 110 008.

(02 Claims)

A method of detection of E-coli, other coliforms and pathogenic organisms in water comprising the steps of:

- a) spotting a drop of water to be tested on a small piece of nitrocellulose membrane,
- h) incubating the said membrane in 10X solution of the blocking buffer comprising 2.5% casein in tris buffered saline (TBS) for 5-20 minutes with constant shaking at room temperature,
- c) washing the said membrane with washing buffer comprising 50X solution of TBS, pH value 7.5+0.1% Tween 20 for 2 minutes,
- d) treating the said membrane with antibody solution diluted in 1X dilution buffer 50X comprising TBS, pH 7.5 in ratio 1:500 for 5-15 minutes, with constant shaking,

- e) washing the said membrane with the said washing buffer for 5-15 minutes,
- f) incubating in goat anti-rabbit antibody conjugated to horse raddish peroxidase diluted in 1X said dilution buffer in ratio 1:1000,
- g) washing the said membrane repeatedly with the said washing buffer for 5-15 minutes,
- h) incubating in the dark the said membrane in a mixture comprising two drops of solution of diaminobenzedene tetrahydrochloride in distilled water with two drops of 37% hydrogen peroxide mixed in 10 ml of 1X said dilution buffer for 1-5 minutes till colour develops on the said membrane,
- i) washing the said membrane in the sa id washing buffer, drying and storing the said membrarte,
- j) detection of E-Coli, other coliforms and pathogenic organisms in water by observing the intensity of color developed on the said membrane; absence of colour indicating absence of the said contaminants.

(Complete Specification Pages 10 Drawing NIL Sheet)

Indian Classification : 55E₄ 193358

International Classification⁴ : A 61P 27/12; A61K 35/78

Title : "A PROCESS FOR PREPARING A HERBAL OPHTHALMIC FOR DELAYING THE ONSET AND PROGRESSION OF CATARACT".

Applicant : "ALL INDIA INSTITUTE OF MEDICAL SCIENCES, an autonomous body created by an Act of The Indian Parliament, of Ansari Nagar, New Delhi-110 029, INDIA & DEPARTMENT OF SCIENCE AND TECHNOLOGY, a Government of Indian Department, of Technology Bhawan, New Mehrauli Road, New Delhi-110 016, INDIA.

Inventors : DR. SURESH KUMAR GUPTA
DR. SUJATA JOSHI
DR. SUSHMA SRIVASTAVA
DR. DEEPA TRIVEDI
NABANITA HALDER-ALL INDIAN

Kind of Application : COMPLETE

Application for Patent Number 365/DEL/2002 filed on 27/03/2002

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Delhi Branch, New Delhi – 110 008.

(05 Claims)

A process for preparing a herbal ophthalmic formulation for delaying the onset and progression of cataract comprising:

- preparing aqueous extracts of Curcuma longa from rhizomes,
- mixing 0.01% to 5% w/v of Curcuma longa with 0.1% - 5% w/v visco elastic substance selected from the group of Hydroxy propyl methyl cellulose, sodium Hyaluronate, Chondroitin Sulfate or polyacrylamide or a mixture thereof.
- adding distilled water to obtain the herbal ophthalmic formulation and
- sterilizing the said composition to get the desired product.

(Complete Specification Pages 11 Drawing NIL Sheets)

Indian Classification	:-	32	193359
International Classification ⁷	:-	C 08F 263/00	
Title	:-	"A process for preparation of a Novel Hydro Gel".	
Applicant	:-	Indian Institute of Technology, Delhi(IITD), Hauz Khas, New Delhi – 16, India, and Life Sciences Research Board, Defence Resources & Development Organization, 326, 'B' Wing, Sena Bhavan DHQ, Ministry of Defence, Government of India, New Delhi – 11, India	
Inventors	:-	KOUL - VEENA - INDIAN CHOUDHARY - VEENA - INDIAN DINDA AMIT KUMAR - INDIAN CHANGEJ - MOHAMMED - INDIAN BURUGAPALLI - KRISHNA - INDIAN	
Kind of Application	:-	COMPLETE	
Application for Patent Number		1068/del/2002	filed on 24/10/2002

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office, New Delhi Branch - 110 008.

(Claims 14)

A process for the preparation of a novel hydro gel, which comprises: polymerizing polymer with carbon back bones such as herein described using a mixture of conventional redox initiator and a divinyl ester prepared by reacting poly (caprolactone diol) followed by cross linking with the polypeptide of natural origin using glutaraldehyde as a cross linking agent then converting in to desired shapes by conventional methods.

Complete Specification	No of Pages	34	Drawings Sheets
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Indian Classification on : 55 E₄ **193360**

International Classification⁴ : C07 C59/00; C07C51/42; A 61 K 31/23

Title : **"A METHOD OF PURIFYING
POLYETHOXYLATED CASTOR OIL".**

Applicant : **DABUR RESEARCH FOUNDATION**, an Indian
Company formed and incorporated under the
Companies Act, 1956 and having its office at: 22,
Site IV, Sahibabad, Ghaziabad 201 010, **INDIA.**

Inventors : **ANUJ KUMAR MITTAL**
GOLAK CHANDRA MAIKAP- BOTH INDIAN.

Kind of Application : **PROVISIONAL/COMPLETE.**

Application for Patent Number **29/DEL/2002** filed on **16/01/2002**
Complete left after Provisional specification filed on **09/01/2003**

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office
Delhi Branch, New Delhi – 110 008.

(10 Claims)

A method of purifying polyethoxylated castor oil, comprising the step of:

- (a) contacting untreated castor oil with a pH reducing agent selected from clay and metal salts in the presence of a solvent such as hereindescribed at temperature ranging between 20 to 40⁰C for a period of 5 to 12 hours, and
- (b) obtaining purified castor oil having pH of 3.5 to 4.5 and low ionic content.

(Provisional specification 11 Pages Drawing NIL Sheet)

(Complete Specification 13 Pages Drawing NIL Sheet)

Indian Classification	:	55 E	193361
International Classification ⁷	:	A61K 31/403	
Title	:	"A PROCESS OF PREPARING AN EYE COMPOSITON FOR PREVENTING POSTERIOR CAPSULE OPACIFICATION (AFTER CATARACT)	
Applicant	:	Dr. JHA, Mrinal Chandra, an Indian national of Flat No. 4, Block F-I, Charmwood Village, Suraj Kund road, Faridabad-121009. Haryana , India.	
Inventors	:	MRINAL CHANDRA JHA- INDIAN.	
Kind of Application	:	Complete	

Application for Patent Number 591/Del/2002 filed on 28th May 2002.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003)
Patent Office Branch, New Delhi – 110 008.

(5 Claims)

A process of preparing an eye composition for preventing Posterior Capsule Opacification (after cataract) comprising:

- preparing Balanced Salt Solution on Ringer Lactate Solution, as herein described,
- mixing mitomycin-C with the said Balanced Salt Solution or Ringer lactate solution in the ratio of 1 micro gm mitomycin-C per ml of balanced salt solution or Ringer lactate solution to 40 micro gm mitomycin-C per ml of balanced salt solution or Ringer Lactate solution at normal temperature and pressure, and
- storing at dark and cool place.

(Complete Specification 8 Pages Drawings Nil Sheet)

Indian Classification	:	55 E2	193362
International Classification ⁷	:	A61K 9/02; A61F 9/00	
Title	:	"A PROCESS FOR PREPARING A HERBAL OPHTHALMIC FORMULATION FOR DELAYING THE ONSET AND PROGRESSION OF CATARACT."	
Applicant	:	ALL INDIA INSTITUTE OF MEDICAL SCIENCE, an autonomous body created by an Act of the Indian Parliament, of Ansari Nagar, New Delhi – 100029, Indian and DEPARTMENT OF SCIENCE AND TECHNOLOGY, a Govt. of Indian Department of Technology Bhawan, New Mehrauli Road, New Delhi-110016, India.	
Inventors	:	SURESH KUMAR GUPTA – INDIAN SUJATA JOSHI – INDIAN SUSHMA SRIVASTAVA – INDIAN DEEPA TRIVEDI – INDIAN NAVANITA HALDER - INDIAN	
Kind of Application	:	Complete	

Application for Patent Number 366/Del/02 filed on 27th March 02.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003)
Patent Office Branch, New Delhi – 110 008.

(8 Claims)

A process for preparing a herbal ophthalmic formulation for delaying the onset and progression of cataract comprising:

- preparing extracts of Ocimum sanctum in any known manner
- mixing 0.05% to 5% w/v of Ocimum sanctum extract with 0.1%-5 % w/v visco elastic substance such as herein described.
- adding distilled water to obtain the herbal ophthalmic formulation and
- sterilizing the said composition

(Complete Specification 13 Pages Drawings Nil Sheet)

Indian Classification In	:	55E ₄	193363
International Classification ⁴	:	C07D-495/04; A61K-031/436	
Title	:	"A PROCESS FOR PREPARING (S)-CLOPIDOGREL".	
Applicant	:	NATIONAL INSTITUTE OF PHARMACEUTICAL EDUCATION AND RESEARCH (NIPER), a society registered under Societies Registration Act XXI of 1860, having its Office at Sector 67, Phase X, SAS Nagar, Mohali, District Ropar, Punjab-160 062, India and IND-SWIFT LABORATORIES LTD., a company registered under the companies Act 1956, and having its Office at SCO 813, Shivalik Enclave, NAC, Manimanjara, Chandigarh, India.	
Inventors	:	UMA RAMACHANDRAN HARMANDER PAL SINGH SUDHANSHU KUMAR LALIT KUMAR WADHWA-ALL INDIAN	
Kind of Application	:	COMPLETE	

Application for Patent Number **683/DEL/2002** filed on **26/06/2002**

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Delhi Branch, New Delhi – 110 008.

(19 Claims)

A process for preparing (S)-clopidogrel by racemization of @-clopidogrel mixture comprising the steps of :

- (a) treating a mixture enriched in (R)-clopidogrel or (R)-clopidogrel isomer with a metal carbonate as herein described and a hydroxide or oxide of a metal as herein described, optionally in the presence of a phase transfer catalyst such as herein described in an organic solvent such as herein described at a temperature ranging between 0⁰ to 60⁰C for about 4-12 hrs,
- (b) filtering the reaction mixture of step(a) to obtain a filtrate,
- (c) washing the filtrate with saturated alkali bicarbonate solution and saturated brine, and
- (d) eliminating the organic solvent from the filtrate to obtain a racemic mixture of clopidogrel, which is resolved in a known manner to obtain desired (S) -(+) clopidogrel.

(Complete Specification Pages 12 Drawing 01 Sheet)

Indian Classification	-	32C	193364
International Classification ⁷	-	C 07D 213/00	
Title	-	"A PROCESS FOR PREPARING PYRIDINE AND ALKYL SUBSTITUTED PYRIDINE COMPOUNDS"	
Applicant	-	JUBILANT ORGANOSYS LTD., an Indian company formed and incorporated under the Companies Act 1956, and having its office at 1-A, Sector 16-A, Institutional Area, Noida, (U.P.) - 201 301, India.	
Inventors	-	SHAILENDRA KUMAR SINGH - INDIAN NEERAJ - TIWARI - INDIAN VIMALDEEP - KULSHRESHTHA - INDIAN ASHUTOSH - AGARWAL - INDIAN	
Kind of Application	-	PROVISIONAL/COMPLETE	
Application for Patent Number	26/del/2002	filed on	15/01/2002

Complete left after Provisional Specification on 02/9/2002

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office, New Delhi Branch - 110 008.

(Claims 11)

A process for preparing pyridine and alkyl substituted pyridine compounds, comprising the step of reacting a C1 to C5 aldehyde, a C3 to C5 ketone or a mixture thereof, with ammonia in gaseous phase, in the presence of a catalyst in a fluidized or otherwise movable bed reactor, at a temperature of 350 - 550°C and a pressure of 0.1 to 5 atm, the catalyst being a mixture of crystalline silica-alumina zeolite catalyst and amorphous silica alumina catalyst in a weight ratio of 80:20 to 98:2, the amorphous or crystalline silica alumina zeolite catalyst optionally being modified by exchanging with an element such as hereindescribed and being maintained in the reactor at anytime during the reaction and obtaining desired pyridine compounds in a known manner.

Provisional Specification	No of Pages	15	Drawings Sheets	NIL
Complete Specification	No of Pages	16	Drawings Sheets	NIL

Indian Classification	:-	128 A	193365
International Classification ⁷	:-	A 61 F 13/00, A 61 F 13/15	
Title	:-	"DISPOSABLE COVER FOR AN ABSORBENT MATERIAL".	
Applicant	:-	THE PROCTER & GAMBLE COMPANY, of One Procter & Gamble Plaza, Cincinnati, Ohio 45202, United States of America.	
Inventors	:-	DIGVIJAY - RAWAT - JAPAN CARLOS JOSE BARROSO - U.S.A. LETHA MARGIE HINES - U.S.A. PETER - MORRIS - U.S.A. ROBB ERIC OLSEN - U.S.A. J. ALVARO RESTREPO - VENEZUELA NONA JANE REDWINE - U.S.A. MARK D. SEYMOUR - JAPAN HIROAKI - SHIKATA - JAPAN	
Kind of Application	:-	COMPLETE/CONVENTION	
Application for Patent Number	1804/del/1995	filed on	29/09/1995
Convention No.	PM 8679/Australia/10/10/1994		
Convention No.	08/432659/United States of America/02/05/1995		
Convention No.	08/504870/United States of America/20/07/1995		

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office, New Delhi
Branch - 110 008.

(Claims 08)

A disposable cover for an absorbent material, said disposable cover comprising a liquid pervious rewet barrier which permits liquids to readily penetrate through its thickness, said rewet barrier having an outwardly oriented surface a portion of which contacts a wearers body when used, an inwardly oriented surface a portion of which faces said absorbent material, and first and second longitudinally oriented side edges, said rewet barrier having capillaries penetrating through said rewet barrier to permit flow of fluid from said outwardly oriented surface, through said rewet barrier, to said inwardly oriented surface; a liquid impervious anti-stain barrier which prevents liquids from penetrating its thickness, said anti-stain barrier having an outwardly oriented surface a portion of which faces said absorbent material, and first and second longitudinally oriented side edges, wherein at least one of said side edges of said anti-stain barrier is joined to one of said edges of said rewet barrier; and garment securement means.

Complete Specification

No of Pages 22

Drawings Sheets 04

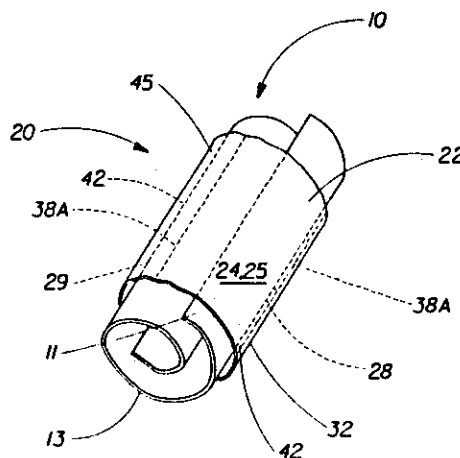


Fig. 1

Indian Classification	:	35E; 9F	193366
International Classification ⁴	:	C04B35/00	
Title	:	"A SiC BASED ALUMINOUS DRY CASTABLE FOR LINING BLAST FURNACE TROUGHS/RUNNERS AND A PROCESS FOR PRODUCING THE SAME".	
Applicant	:	STEEL AUTHORITY OF INDIA LTD., Research & Development Centre for Iron & Steel. A Govt. of India Enterprise having its registered office at Ispat Bhawan, Lodi Road, New Delhi-110 002.	
Inventors	:	SWAPAN KUMAR GARAI PURIMETLA CHINTALAH AJOY KUMAR DASGUPTA SWAPAN ROYCHOWDHURY PANKAJ KUMAR ROYCHOWDHURY- ALL INDIAN.	
Kind of Application	:	COMPLETE	

Application for Patent Number **2278/DEL/1995** filed on **11/12/1995**

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Delhi Branch, New Delhi – 110 008.

(04 Claims)

A SiC based aluminous dry castable composition for lining blast furnace troughs/runners, which castable possesses an extended performance life, is easily de-skullable and does not produce any fumes during its application to the troughs/runners of a blast furnace cast house. characterized in that the said castable is of the optimum composition by weight % : Al_2O_3 -71 to 82, Fe_2O_3 -0.6 to 1.0, SiO_2 -5 to 10 SiC-11 to 15, CaO-0.7 to 1.2 and C-1 to 2.

(Complete Specification Pages 09 Drawing NIL Sheet)

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office
Delhi Branch, New Delhi - 110 008.

An improved process for the oxidation of organic chemicals by the reaction of pure oxygen or an oxygen-rich gas with a corresponding organic chemical present together with a solvent in a body of liquid contained within a reactor vessel, without appreciable loss of oxygen to an overhead gas phase in the vessel, comprising:

-

Fig. 2

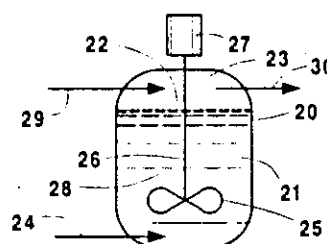


Fig. 3

Indian Classification :- 86 D **193368**

International Classification⁷ :- B 32B 31/20

Title :- "A Process for Manufacturing a seat cushion".

Applicant :- JOHNSON CONTROLS-ROTH, of 6 rue Schertz 67100
Strasbourg, France.

Inventors :- JACQUES - ROTH - French
ALAIN - MANIGOLD - French

Kind of Application :- COMPLETE/CONVENTION

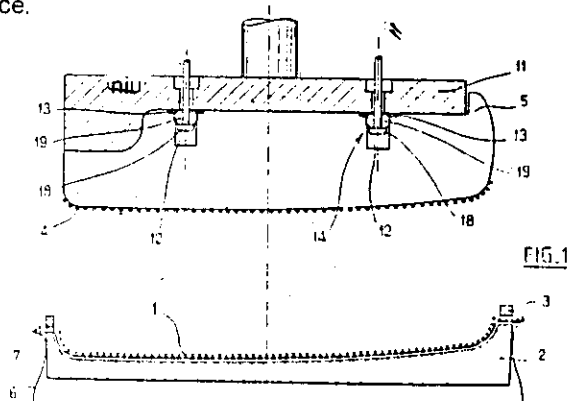
Application for Patent Number 1753/del/1995 filed on 25/09/1995

Convention No. 06.3.95, 09.6.95/ 9502736, 9507032/ France.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent
Office, New Delhi Branch - 110 008.

(Claims 6)

A process for manufacturing a seat cushion, comprising the steps of: arranging a cover in a cold-shaping device, fixing said cover to the device by means of a holding frame, said cover having a wall contacting the cold-shaping device and internal walls to be bonded to the padding, characterized in that said bonding step consists of: placing thermosensitive adhesive in the range of 10 to 20 grams per square meter on the internal walls of the cover by coating said padding surface to be bonded to the cover with a moist thermosensitive adhesive and placing the coated surface against the internal walls for 0.5 to 2 seconds; separating the foam padding surface and a portion of the adhesive from the internal walls of the cover and heating the coated surface of the padding to a temperature in the range of 170° to 190°C, said heating polymerizing the portion of adhesive on the surface of the foam to form a gritty, dry primer integral with the cellular surface of the padding; immediately after heating, applying the heated padding surface to the internal walls of the cover to bring about instantaneous transmission of heat to the adhesive on the internal walls of the cover thereby rapidly setting the adhesive on the internal walls to bond the cover to the foam padding; and removing the padding and bonded cover from the cold-shaping device.



Indian Classification :- 126 C, D **193369**

International Classification⁷ :- G 01 R 11/00

Title :- " An electric metering apparatus having an electrical meter and an external current sensor "

Applicant :- General Electric Company, at 1 River Road, Schenectady, State of New York 12345, USA.

Inventors :- David Carl Coburn - USA.

Kind of Application :- COMPLETE

Application for Patent Number 2117/del/1995 filed on 20/11/1995

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office , New Delhi Branch - 110 008.

(Claims 12)

An electrical metering apparatus for measuring the power corporation of an associated electrical load coupled to a transmission line, characterized by:

- a current sensor of a responsive to an electrical current conducted by a transmission line to the associated electrical load for producing an output signal, said output signal being related to the electrical current conducted by the transmission line,
- an electrical meter, responsive to said current sensor for tabulating load data related to the power consumption of the associated electrical load based upon the output signal produced by said current, said current sensor being external to said electrical meter such that said electrical meter is free of current sensor.

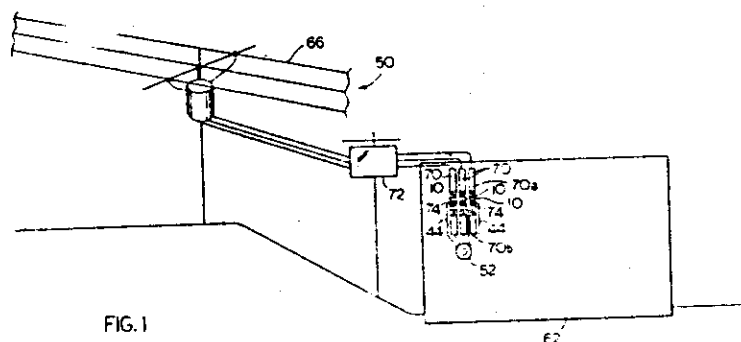


FIG. 1

Indian Classification	: 32 B	193370
International Classification ⁷	: C07C 2/68	
Title	: "A NOVEL PROCESS FOR THE MAUFACTURE OF ALKYLATED AROMATICS FROM AROMATIC HYDROCARBON."	
Applicant	: BP CHEMICAL LIMITED, a British company, of Britannic House, 1 Finsbury Circus London EC2M 7BA, England.	
Inventors	: ALA'A K ABDUL-SADA - IRAQI MARTIN PHILIP ATKINS - BRITISH BRIAN ELLIS - BRITISH PHILIP KENNETH GORDON HODGSON - BRITISH MARK LOUIS MICHAEL MORGAN - BRITISH KENNETH RICHARD SEDDON - BRITISH	

Kind of Application Complete

Application for Patent Number 1466/Del/95 filed on 4th Aug. 95.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003)
Patent Office Branch, New Delhi – 110 008.

(12 Claims)

A novel process for the manufacture of alkylated aromatics, said process comprising reacting a known aromatic hydrocarbon selected from monocyclic, bi-cyclic or poly-cyclic aromatics with a known olefin of the kind such as herein described in the presence of an ionic liquid containing:-

- (a) a compound of the formula R_nMX_{3-n} wherein R is a C_1-C_6 alkyl radical, M is aluminium or gallium, x is a halogen atom and n is 0, 1 or 2,
- (b) a hydrocarbyl substituted imidazolium halide, a hydrocarbyl substituted pyridinium halide or mixtures thereof, and optionally,
- (c) at least one of the hydrocarbyl substituted quaternary ammonium and a hydrocarbyl substituted phosphonium halide optionally,
- (d) alkyl halide co-catalyst.

wherein at least one of the said hydrocarbyl substituents in the imidazolium halide is an alkyl group having 1-18 carbon atoms and the relative mole ratios of components (a),(b) and (c) is such that the ratio of component (a) : [(b) +(c)] in the ternary melt ionic liquid is in the range from 1:2 to 3.0:1 and, where (c) is

present, the ratio of (b):(c) is in the range from 0.01:1, so that the resultant ionic liquid is a liquid at room temperature, and the alkylation reaction is carried out at a temperature in the range from 80 to 200°C and at a reaction pressure in the range from 0.5 to 3.0 MPa.

(Complete Specification 24 Pages Drawings NIL Sheet)

Ind.Cl.:70 C 4

193371

Int.Cl.⁷:H 01 M 006/16**"AN ELECTROCHEMICAL CELL"**

Applicant: EVER READY LIMITED
of Ever Ready House, 93 Burleigh Gardens,
Southgate, London N14 5AQ,
a UK Company,
United Kingdom

Inventors: 1. Randell, Christopher Fred
2. White, Neal Charles

Application No937/MAS/1996 filed on 3rd May 1996

Convention No.9511205.8 on 2nd June 1995 in Great Britain

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)
Patent Office, Chennai Branch.

35 Claims

An electrochemical cell having an acidic electrolyte and a coated paper separator, characterized in that the cell contains an additive which is a polyoxyalkylene nitrogen containing compound.

Comp.Specn. 30 Pages; Drgs Nil Sheets.

Ind. Cl. : 20B
 Int. Cl.⁷ : G 09 B - 27/02

193372

"A WORKING MODEL OF THE SOLAR SYSTEM"

Applicant : RAJIV ALEXANDER, KOKKODATH HOUSE, MUNDAKAYAM P.O.,
 Dt KOTTAYAM, KERALA - 686513, INDIA.

Inventors : RAJEEV ALEXANDER

Application No. 720/MAS/1996 filed on 06th May 1996.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 2003), Patent Office, Chennai Branch.

02 Claims

A working model of the Solar System for demonstrating the relative motions of the Sun, the Earth and the Moon, comprising :

- (a) there globes representing the Sun (9), the Earth (14) and the Moon (20);
- (b) one or more wheels/pulleys associated with each said globe, pairs of said wheels/pulleys being coupled together by one or more strings, ropes or belts;
- (c) a radial arm (4) rotatably mounted on the axis of said Sun Globe and extending outwards therefrom;
- (d) a first said wheel/pulley (7), that is coupled by means of an orbital drive to a stationary wheel/pulley (10) located on said Sun Globe axis, said first wheel/pulley (7) being rotatably mounted upon the outer end of said radial arm (4), and that forms a platform that is rigid with an axle (13) that constitutes the axis upon which are rotatably mounted said Earth Globe (14) and furthermore an arm that is rigid with said Moon Globe (20) located at the outer end thereof;
- (e) a second said wheel/pulley (16), that is coupled by means of a said orbital drive to a stationary wheel/pulley (11) located on said Sun Globe axis, that is rigid with said Earth Globe (14) and that is rotatably mounted on said axle (13);
- (f) a third said wheel-pulley (17) that is coupled by means of a said orbital drive to a stationary wheel/pulley (12) located on said Sun Globe axis, that is rigid with said arm (19) carrying said Moon Globe (20) and that is rotatably mounted on said axle (13);
- (g) idler wheels/pulleys (22) urged outwards by spring means, engaging, at least, those of said strings, ropes or belts where the axial distance between the coupled pulleys/wheels thereof varies during operation of said coupled wheels/pulleys thereof; and
- (h) generally C-shaped brackets (23) with the wheels/pulleys mounted between the arms thereof and provided with suitable guides thereupon for said strings, ropes or belts, at least, in cases of those said pairs of coupled wheels/pulleys wherein the wheels/pulleys thereof are in different planes.

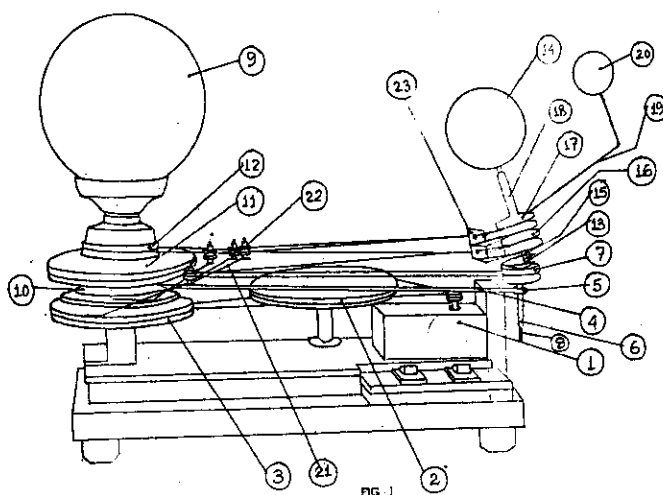


FIG. 1

Ind.Cl.:179 F

193373

Int.Cl⁷:B 41 J 2/175

"A LIQUID CONTAINER"

Applicant: CANON KABUSHIKI KAISHA,
3 - 30 - 2, SHIMOMARUKO,
OHTA - KU,
TOKYO,
JAPAN

Inventors: 1. TOSHIAKI SASAKI
2. SADAYUKI SUGAMA
3. HIDEO OKADA

Application No630/MAS/1996 filed on 16th April 1996

Convention No.090895/1995 on, 17th April 1995 in JAPAN

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)
Patent Office, Chennai Branch.

24 Claims

A liquid container, comprising: a substantially prism-like outer wall provided with a substantial air vent portion and having a corner formed by 3 surfaces; an inner wall having outer surfaces equivalent or similar to inside surfaces of said outer wall and a corner corresponding to the corner of said outer wall, said inner wall defining a hermetically sealed liquid accommodating portion for containing liquid therein, said inner wall further having a liquid supply portion supplying the liquid out of said liquid accommodating portion; wherein said inner wall has a thickness which decreases from a central portion of the surfaces of the prism-like shape to the corner; said inner wall and said outer wall are closely contacted with each other or are partly separated from each other; and said outer wall and said inner wall are separable from each other.

Comp.Specn. 81 Pages; Drgs 21 Sheets.

Ind.Cl.: 172 B & 172 C

193374

Int.Cl⁷:B 65 H 63/06

" A METHOD AND DEVICE FOR PREVENTING MASS FLUCTUATIONS
IN FIBRE MATERIAL"

Applicant: USTER TECHNOLOGIES AG.,
OF WILSTRASSE 11, CH - 8610, USTER,
SWITZERLAND.
A SWISS COMPANY.

Inventors: J. FRANCOIS BAECHLER

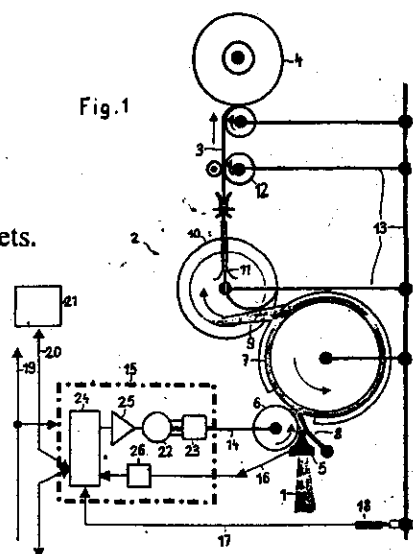
Application No 1083/MAS/1996 filed on 19th June 1996

Convention No.02 127/95 - 0 on, 19th July 1995 in SWITZERLAND

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)
Patent Office, Chennai Branch.

13 Claims

1. A method for preventing mass fluctuations in fibre material (1) which is processed in a spinning process using a rotor (10) to form a yarn (3), characterised in that the mass fluctuations in the fibre material are detected in the immediate vicinity of the rotor and elements (6, 7, 12) which are drive-connected therewith, and are reduced by a control intervention.



Comp.Specn. 13 Pages; Drgs 08 Sheets.

Ind.Cl.:11 3 B

193375

Int.Cl⁷:F23D 11/36**" A LIGHTER "**

Applicant: M/s. BIC CORPORATION,
a State of Incorporation: New York,
of 500 Bic Drive, Milford,
Connecticut 06460
USA

Inventors: 1. JAMES M McDONOUGH 4. CHRIS A BARONE
2. GERALD J DOIRON 5. FLOYD B FAIRBANKS
3. PAUL H ADAMS

Application No425/MAS/2000 filed on 2nd JUNE 2000
Division to Application No: 698/MAS/1994 Ante Dated:26/07/1994

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)
Patent Office, Chennai Branch.

9 Claims

1. A lighter comprising a body having a top end, a fuel reservoir and defining a central cylindrical cavity; a striking wheel assembly rotatably mounted on the body at the top end, wherein the striking wheel assembly comprises a rotary sparker and at least one turning wheel mounted co-axially with the rotary sparker; a flint disposed within the cylindrical cavity and in frictional contact with the rotary sparker, wherein rotation of the rotary sparker against the flint creates sparks; a valve for releasing fuel from the fuel reservoir to outside the body of the lighter, wherein the valve has an open position and a closed position; a valve actuator pivotally attached to the body, wherein the actuator controls movement of the valve between the open position and closed position and wherein the actuator comprises at least one brake member cooperating with the valve actuator to selectively prevent rotation of the at least one turning wheel.

Reference to : INDIAN PAT. APP. NO. 698MAS1994

Comp.Specn. 17 Pages; Drgs 10 Sheets.

Ind.Cl.:32 F₂ (a)

193376

Int.Cl⁷:C 07 D 263/52

"A process for preparing a Chlorobenzoxazole"

Applicant: AVENTIS CROPS SCIENCE GMBH
a German Company
of D-13509 Berlin,
Germany

Inventors: 1. RESSEL, Hans-Joachim
2. ASLAM, Mohammed
3. DEMOUTE, Jean Pierre

4. SCHLEGEL, Gunter
5. WELTER, Wolfgang

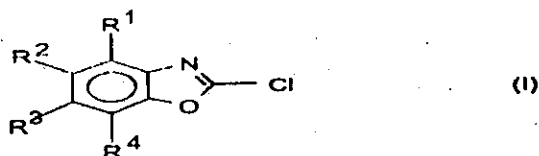
Application No/N/PCT/2000/00093/CHE filed on 1st June 2000

Convention No.197 55 904.2 on, 16th December 1997 in Germany

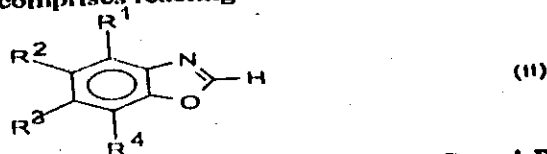
Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)
Patent Office, Chennai Branch.

11 Claims

A process for preparing a chlorobenzoxazole of the formula (I).



in which R¹, R² and R⁴ are each, independently of one another, H, halogen, CN, NO₂, C₁-C₃-alkyl, C₁-C₃-alkoxy, aryl or aryloxy, where each of the 4 lastmentioned radicals is unsubstituted or substituted and in case (a) R³ = H, halogen, CN, NO₂, C₁-C₃-alkyl, C₁-C₃-alkoxy, phenyl or phenoxy, where each of the 4 lastmentioned radicals is unsubstituted or substituted, or in case (b) R³ = chlorine, which comprises reacting benzoxazoles of the formula (II).



in which R¹, R² and R⁴ are as defined in formula (I) and R³ in case (a) is as defined in formula (I) and R³ in case (b) is hydrogen, in the presence of an acidic catalyst with a chlorinating agent to give the monochlorination product (I) or in case (b) with an excess of the chlorinating agent to give the dichlorination product (I) in which R³ = chlorine, the amount of chlorinating agent added is being advantageously at least equimolar in the case of monochlorination and at least twice the molar amount in the case of dichlorination.

Ind.Cl.:147 G

193377

Int.Cl⁷:H 04 N 1/036

"An optical disk reproduction apparatus"

Applicant: MATSUSHITA ELECTRIC INDUSTRIAL CO. LTD.
A Japanese Company
of 1006, Oaza Kadoma, Kadoma-shi, Osaka 571, Japan

Inventors: 1. Motoshi ITO
2. Yoshihisa FUKUSHIMA
3. Hiroshi UEDA

Application No26/MAS/2000 filed on 12th January 2000

Convention No.7-270833 on, 19th October 1995 in Japan
Division to Patent Application No. 1825/MAS/1996 Ante-dated to 16th October 96.

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003),
Patent Office, Chennai Branch.

4 Claims

1. **An optical disk reproduction apparatus for reproducing an optical disk, the optical disk comprising:**

first and second recording layers placed one over the other in a manner such that information recorded in each of the first and second recording layers is optically readable from one side of the optical disk;

tracks formed on the first and second recording layers with a plurality of sectors provided along the tracks; and

sector addresses provided for the plurality of sectors, respectively, wherein the sector addresses on the first recording layer increase from a first circumference side to a second circumference side, the first circumference side being one of a most inner circumference and a most outer circumference, the second circumference side being the other one of the most inner circumference and the most outer circumference, and the sector addresses on the second recording layer increasing from the second circumference side to the first circumference side;

wherein the sector addresses of sectors in the tracks on one recording layer of the first and second recording layers and the sector addresses of approximately corresponding sectors in the tracks on the other recording layer of the first and second recording layers are in a complementary relationship of binary numbers;

said optical disk reproduction apparatus comprising:

means for detecting an ascending direction of the sector addresses on the optical disk;

means for moving an optical head unit to a beginning position on one of the first and second recording layers; and

means for reproducing the optical disk in the ascending direction detected by said means for detecting the ascending direction.

Ind.Cl.:32 F₁

193378

Int.Cl⁷:C 07 C 161/00

" A PROCESS FOR PRODUCING ARYLSULFENYL COMPOUND"

Applicant: SHIONOGI & CO. LTD., OF 1 - 8, DOSHOMACHI
3- CHOME, CHUO - KU, OSAKA - SHI,
OSAKA 541 - 0045, JAPAN
A JAPANESE COMPANY

Inventors: 1. TSUTOMU AOKI
2. TOSHIRO KONOIKE

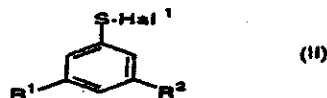
Application NoIN/PCT/2000/00499/CHE filed on 10th October 2000

Convention No.PCT/JP99/02007 on, 15th April 1999 in JAPAN

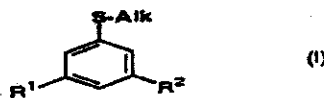
Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)
Patent Office, Chennai Branch.

05 Claims

A process for producing arylsulfenyl compound of the formula (II):



wherein Hal¹ represents halogen and R¹ and R² each independently represents halogen, alkyl, alkoxy, having C₁ to C₂₀ straight or branched alkyl and alkoxy groups, nitro or cyano which comprises allowing a known halogenating agent to react with a compound of the formula (I):



wherein Alk represents C₃ to C₈ branched alkyl and R¹ and R² are as defined above and recovering the compound of formula II from the reaction mixture in a known manner.

Reference to : WO 96/10019, JP - A - 9 - 56760

Comp.Specn. 42 Pages; Drgs 02 Sheets.

Ind.Cl.:32 F 1

193379

Int.Cl.⁷:C 07 C 51/363, C 07 C 57/58

" A PROCESS FOR PREPARING (R) - 2- BROMO - 3 - PHENYL -
PROPIONIC ACID"

Applicant: ZAMBON GROUP SPA,
OF VIA DELLA CHIMICA, 9, I - 36100,
VICENZA, ITALY,
(AN ITALIAN COMPANY)

Inventors: 1. ALLEGRINI PIETRO
2. SORIATO GIORGIO

Application No:IN/PCT/2000/00256/CHE filed on 08th August 2000

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)
Patent Office, Chennai Branch.

(09) Claims

A process for preparing (R)-2-bromo-3-phenyl-propionic acid by reaction of D-phenylalanine with sodium nitrite and concentrated hydrobromic acid, wherein sodium nitrite and concentrated hydrobromic acid are respectively used in a molar ratio of from 1 to 1.5 and from 4 to 8 with respect to D-phenylalanine, in an aqueous solvent at a temperature comprised between -10 and 0°C under nitrogen in the presence of a solvent selected among halogenated hydrocarbons and aromatic hydrocarbons such as herein described and isolating (R)-2-bromo-3-phenyl-propionic acid from the reaction mixture in a known manner.

Reference to : EP - 0524553 US 5, 366, 973

Comp.Specn. 09 Pages; Drgs 0 Sheets.

Ind.Cl.:83 B5

193380

Int.Cl⁷:A 23 J 3/14; A 23 J 3/16; A 23 L 1/24; A 23 L 1/40

"A METHOD OF PREPARING A DRY EMULSION"

Applicant: RHODIA CHIMIE
A FRENCH COMPANY, OF 25, QUAI PAUL DOUMER,
F-92408 COURBEVOIE CEDEX, FRANCE

Inventors: 1. GUERIN GILLES
2. MORVAN MIKEL
3. VASLIN SOPHIE

Application No IN/PCT/2000/00210/CHE filed on 25th July 2000

Convention No.98/01,161 on, 2nd February 1998 in FRANCE

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)
Patent Office, Chennai Branch.

2. Claims

A method of preparing a dry emulsion such as herein described comprising the steps of:

- (i) preparing a dispersion in water or in an aqueous phase at least one hydrophobic active substance (AS) such as herein described, at least one emulsifier (E) such as herein described and at least one filler (IF) such as herein described and having d_{90} at most equal to about 50 μm (micrometre);
- (ii) drying the said dispersion in a known manner until a dry emulsion is formed;

wherein the dispersion prepared in step (i) has the following particle size:
 d_{90} , advantageously d_{90} , is at most equal to about 50 μm (micrometre), advantageously to about 30 μm , preferably to 10 μm ;

d_{20} , advantageously d_{10} , is at least equal to about 0.1 μm , advantageously to 0.5 μm , preferably to 1 μm (micrometre); and

wherein the dry emulsions are advantageously provided in the form of granules, of particle size such that:

d_{90} , advantageously d_{90} , is at most equal to 500 μm (micrometres), advantageously to 200 μm , preferably 150 μm ;

d_{20} , advantageously d_{10} , is at least equal to 5 μm (micrometres), advantageously to 10 μm , preferably to 20 μm .

Agent: M/S DePENNING & DePENNING;
Comp.Specn. 31 Pages; Drgs Sheets.

Ind. Cl. : 206E

193381

Int. Cl.⁷ : G 06 E 001/00, 003/00; G 06 F 015/18

"AN ARTIFICIAL NEURAL NETWORK BASED SYSTEM".

Applicant : STEPHEN L THALAR, A US CITIZEN, OF 12906 AUTUMN VIEW DRIVE, ST. LOUIS, MISSOURI 63146, USA

Inventors : STEPHEN L THALAR

Application No. 1316/Mas/1995 filed on 12th October 1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 2003), Patent Office, Chennai Branch.

16 Claims

An artificial neural network based system for determining for a specified knowledge domain in a given field of endeavor as represented in a neural network, desired concepts and relationships within such predefined field of endeavor, comprising a neural network portion having an output portion at which data outputs are produced, said neural network portion having an artificial neural network that has an input portion and which is operable to effect production of a data output from said output portion of said neural network portion when an input pattern is supplied to said artificial neural network at the input portion thereof said artificial neural network having been previously trained in accordance with training exemplars in a given predefined field of endeavor to establish a particular knowledge domain therein and being normally operable in accordance with the constraints embodied in its design and the established knowledge domain to produce standard data outputs in response to inputs patterns supplied to said previously trained artificial neural network at the input portion thereof a monitor portion associated with said neural network portion to observe data outputs produced at the output portion of neural network portion; and a network perturbation portion for perturbing said neural network portion to effect changes, subject to constraints embodied in the design of the previously trained artificial neural network that remain unperturbed, in the data outputs produced by said neural network portion at the output portion of said neural network portion, said network perturbation portion operable such that production of data output by said neural network portion thereafter effects a perturbation by said network perturbation portion of said neural

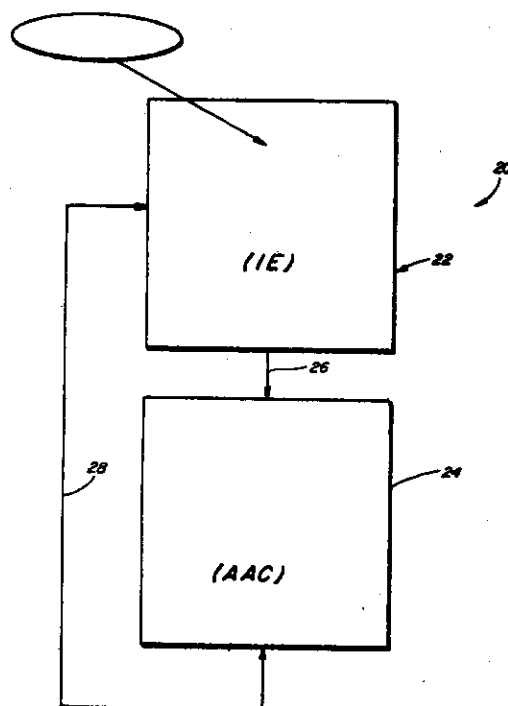


Fig. 1

Ind. Cl. : 206E

193382

Int. Cl.⁷ : H04B 7/26

"AN INTEGRATED SEARCH PROCESSOR FOR RECEIVING A SIGNAL COMPRISED OF A GROUP OF SPECTRUM MODULATED CALL SIGNALS SHARING A COMMON FREQUENCY BAND"

Applicant : QUALCOMM INCORPORATED OF 6455 LUSK BOULEVARD, SAN DIEGO, CALIFORNIA 92121 A DELAWARE CORPORATION USA.

Inventors : 1. KENNETH D EASTON
2. JEFFREY A LEVIN

Application No. 1179/MAS/1995 filed on 12TH Sept., 1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 2003), Patent Office, Chennai Branch.

13 Claims

An integrated search processor for receiving a signal comprised of a group of spectrum modulated call signals sharing a common frequency band, said integrated search processor comprising a sample buffer for storing a limited number of data samples of said group of spread spectrum modulated call signals wherein each of said spread spectrum modulated call signals comprises a series of bits encoded in groups of a fixed length into a series of symbols having a transmission rate and wherein said data samples are stored at a rate corresponding to said transmission rate; a PN sequence buffer for storing a limited number of PN sequence data chips wherein said PN sequence data chips correspond to a PN sequence used to modulate at least one call signal in said group of spread spectrum modulated call signals; a despreader for correlating a portion of said data samples of said group of spread spectrum call signals stored in said sample buffer with a portion of said PN sequence data chips stored in said PN sequence buffer and for producing a correlated output corresponding to a single symbol; and a transform engine for decoding said correlated output to produce an estimate of said series of bits wherein said transform engine decodes said correlated output at a rate higher than said transmission rate.

Reference to: US 4,901,307; US 5,103,459; US 5,101,501; US 5,056,109.

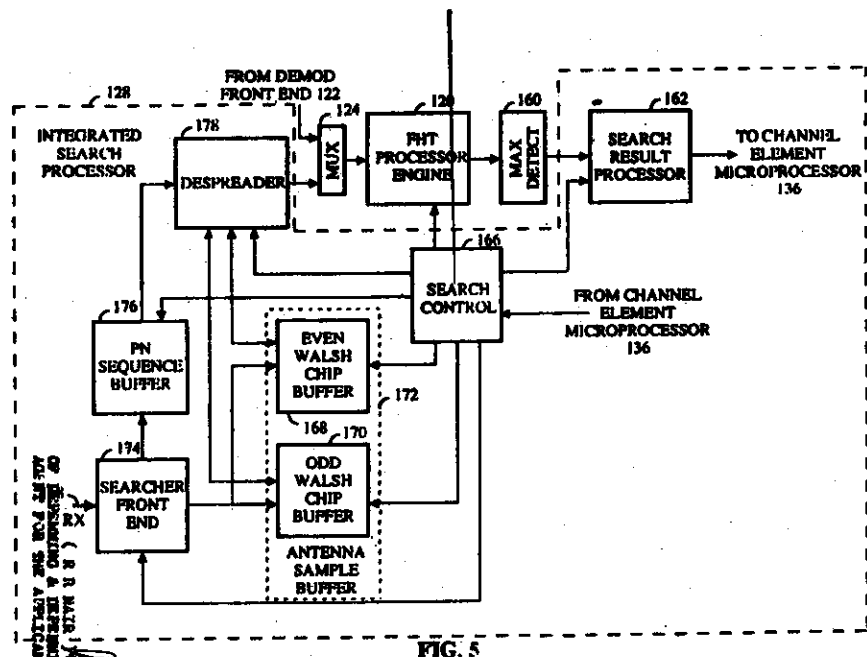


FIG. 5

Ind.Cl.:39

193383

Int.Cl⁷:C 09 D 11/02

**"A PROCESS OF PREPARING AN AQUEOUS INK COMPOSITION AND TO
A PROCESS OF PREPARING A COATING COMPOSITION"**

Applicant: CABOT CORPORATION
of 75 State Street, Boston,
Massachusetts 02109-1806,
a Delaware corporation,
USA

Inventors: I. James A Belmont

Application No 1652/MAS/1995 filed on 14th December 1995

Convention No.08,356,660 on 15th December 1994 in USA

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003),
Patent Office, Chennai Branch.

18. Claims

A process of preparing an aqueous ink composition comprising water and a modified carbon product such as herein described having at least one organic group attached to the carbon wherein the organic group is substituted with an ionic or an ionizable group.

Reference to : US 08/356653; 08/356660; 2833736; 3607813; 4104833; 4308061;
4770706; 5026755; 5051464; 5319044; 5204404; 5051464; 4692481; 5356973;
5314945; 5266406; 5266361

Comp.Specn. 28 Pages; Drgs Nil Sheets.

Ind.Cl.:1652 M 95, 1651 M 95

193384

Int.Cl⁷:C 09 D 11/02

"AN AQUEOUS INK JET INK COMPOSITION AND TO A METHOD OF PREPARING THE SAME AND TO A METHOD OF PREPARING AN INK JET PRINT"

Applicant: CABOT CORPORATION, A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, USA OF 75 STATE STREET, BOSTON, MASSACHUSETTS 02109 - 1806, USA

Inventors: 1. JAMES A BELMONT
2. JOSEPH E JOHNSON
3. CURTIS E ADAMS

Application No1650/MAS/1995 filed on 14th December 1995

Convention No.08/356, 460 on, 15th December 1994 in USSN

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)
Patent Office, Chennai Branch.

38 Claims

An aqueous ink jet ink composition comprising an aqueous vehicle and a modified carbon product comprising carbon having attached at least one organic group, the organic group comprising a) at least one aromatic group, and b) at least one ionic group, at least one ionizable group, or a mixture of an ionic group and an ionizable group, wherein the at least one aromatic group of the organic group is directly attached to the carbon.

Reference to : US 5184148, US 5281261, US 4597794, US 4530961

Comp.Specn. 49 Pages; Drgs 0 Sheets.

Ind.Cl.:25 A

193385

Int.Cl⁷:B 32 B 18/00; E 04 F 15/00

"RUBBER MOULDED GLASS FIBRE REINFORCED CEMENT WALL OR FLOOR TILES"

Applicant: V. S. SHELLY
AN INDIAN CITIZEN
SHANTHI BHAVAN, KARUKUTTY (P.O.)
PIN 683 576, ERNAKULAM DISTRICT, KERALA
INDIA

Inventors: 1. V.S.SHELLY

Application No:1568/MAS/1995 filed on 1st December 1995

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)
Patent Office, Chennai Branch.

4 Claims

Rubber moulded glass fibre reinforced cement wall or floor tiles comprising glass fibre in the range of 10 to 15 gm/sq.ft. and the ratio of concentrate mix is cement, sand, stone chips 1:1.5:2.5.

Comp.Specn. 6 Pages; Drgs Sheets.

Ind.Cl.: 136 F

193386

Int.Cl⁷: B 29 C 45/16; B 60 R 19/03

**"A PROCESS FOR PRODUCING BY MOLDING A MOLDED ARTICLE FROM
SYNTHETIC RESIN MATERIAL"**

Applicant: HONDA GIKEN KOGYO KABUSHIKI KAISHA
A CORPORATION OF JAPAN OF 1-1 MINAMI
AOYAMA 2-CHOME, MINATO-KU, TOKYO,
JAPAN

Inventors: 1. ATSUSHI TAKEUCHI
2. MINORU MAKUTA
3. HITOSHI OHIGANE

Application No 1963/MAS/1996 filed on 6th Nov 1996

Convention No. 289941/95 on, 8th Nov 1995 in JAPAN

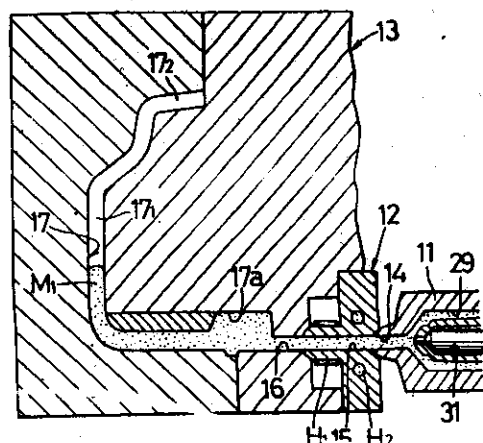
Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)
Patent Office, Chennai Branch.

5 Claims

A process for producing by molding a molded article from synthetic resin materials with a first construction portion having a sandwich structure comprising a core and an outer layer covering the core, and a second construction portion integrally formed with the first construction portion and having a single-layer structure, said process comprising the steps of injecting an outer layer forming material into a molding cavity through a gate in a metal mold; injecting a core forming material to allow said core forming material to flow into said outer layer forming material existing in said gate and said cavity and to allow said outer layer and core forming materials to flow into said cavity, thereby advancing the formation of said first construction portion; allowing a front portion of said core forming material in a flowing direction to break through a front portion of said outer layer forming material in the flowing direction and allowing said core forming material to flow into said cavity ahead of the outer layer forming material, thereby advancing the formation of said second construction portion under advancement of the formation of said first construction portion; and pushing said outer layer and core forming material of a double structure existing within said gate into said cavity by said outer layer material, thereby completing the formation of said first and second construction portions.

Reference to : GB 2 087299A

Comp. Specn. 20 Pages; Drgs 11 Sheets.



Int.Cl:H 04 B 003/46

193387

"METHOD AND SYSTEM FOR MEASURING A PERFORMANCE OF A
COMMUNICATION CHANNEL OF A COMMUNICATION SYSTEM"

Applicant: QUALCOMM INCORPORATED
A DELAWARE CORPORATION
5775, MOREHOUSE DRIVE, SAN DIEGO,
CALIFORNIA 92121-1714, USA

Inventors: 1. EDWARD G TIEDEMANN JR 4. GWAIN BAYLEY
 2. YU-CHEUN JIU
 3. LINDSAY A WEAVER, JR

Application No: 1550/MAS/1995 filed on 27th Nov. 1995

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003) ,
Patent Office, Chennai Branch.

30 Claims

A method for measuring a performance of a communication channel of a communication system in which digital information is transmitted at variable rates over said communication channel, the said method comprising the steps of: transmitting a test sequence of frames of digital data at one or more of a plurality of selectable rates over said communication channel wherein said rate of each of said frames is selected in accordance with a model of human speech; receiving said test sequence of digital data transmitted over said communication channel; generating a replica of said test sequence of digital data; and comparing said replica of said test sequence of digital data to said test sequence of data received over said communication channel so as to determine said performance of data transmission over said communication channel.

Reference to : US 5,351,245 US 4,663,766 US 5,054,035

Comp.Specn. 38 Pages; Drgs 3 Sheets.

Ind.Cl.:53 E

193388

Int.Cl⁷:B 62 K 25/28**"BICYCLE FRAME"**

Applicant: TUBE INVESTMENTS OF INDIA LIMITED OF
"TIAM HOUSE", 26, RAJAJI SALAI,
CHENNAI - 600001.
TAMILNADU, INDIA, AN INDIAN COMPANY.

Inventors: I. RAMAN MOOKKAN ALAGU

Application No:802/MAS/1997 filed on 17th April 1997

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)
Patent Office, Chennai Branch.

08 Claims

A bicycle frame, comprising a main tube assembly with an oval cross-section and having a tuning fork like configuration, the end of each tine member of said tube assembly being provided with a drop-out for mounting the rear wheel assembly and the other end thereof being provided with a head tube for mounting the front wheel assembly, a substantially vertical seat tube fixed centrally at the U-turn of said main tube assembly, the bottom end of said seat tube being provided with a bracket for mounting the chain wheel and crank assembly and the top end thereof being provided with a clamp for mounting the saddle, a pair of support tubes, one connecting the top end and the other connecting the bottom end of said seat tube with the stem of said main tube assembly, and a pair of seat stay tubes connecting the top end of said seat tube with the two tine members of said main tube assembly.

Ind.Cl.:62 B

193389

Int.Cl⁷:C 09 B - 61/00, D 06 B - 5/00, D 06 P - 1/34

" PROCESS OF DYEING OF FABRIC OR FABRIC YARN WITHHERBAL
EXTRACTIONS"

Applicant: MUDAPPATHI BALAKRISHNAN,
SREE VILLA
PALLIKULAM,
KANNUR - 670011, KERALA,
INDIA

Inventors: 1. MUDAPPATHI BALAKRISHNAN

Application No:656/MAS/2002 filed on 04th September 2002

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)
Patent Office, Chennai Branch.

03. Claims

A process for dyeing an undyed fabric or fabric yarn comprising contacting the undyed fabric or fabric yarn with a herbal dye solution wherein said herbal dye solution is one which is a mixture of one or more herbal extracts wherein contacting includes the following steps in sequence :-

- a. preparing said herbal dye solution;
- b. soaking the said undyed fabric or fabric yarn into the said herbal dyeing solution;
- c. boiling the said herbal dye solution with the said soaked undyed fabric or fabric yarn for 3 hours;
- d. drying the said dyed fabric or fabric yarn after removal from said herbal dye solution in shade;
- e. washing the said dyed fabric or fabric yarn in pure water.

Comp. Specn. (0) Pages; Drgs 0 Sheets.

Ind.Cl.: 32 E

193390

Int.Cl⁷: C 08 G 63/26; C 08 G 63/34

"A PROCESS FOR THE PREPARATION OF POLYESTERS BY
POLYCONDENSATION OF POLYESTER FORMING STARTING
MATERIALS"

Applicant: ACORDIS INDUSTRIAL FIBERS GMBH
OF KASINOSTRASSE 19-21, D-42103
WUPPERTAL, A GERMAN COMPANY
GERMANY

Inventors: 1. MARTL DR MICHAEL 4. HAERLAND DR KLAUS
2. MEZGER DR THOMAS 5. BOHRINGER DR BERTRAM
3. OBERLEIN DR GERRIET 6. BERGER DR ULRICH

Application No 881/MAS/2000 filed on 17th Oct 2000

Division to patent Application No: 1216/MAS/1994 Dated: 6th Dec 1994

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003),
Patent Office, Chennai Branch.

17 Claims

A process for the preparation of polyesters by polycondensation of polyester forming starting materials such as herein described in the presence of a titanium dioxide based polycondensation catalyst composition consisting of titanium dioxide/zirconium dioxide coprecipitate having a composition of TiO_2 : ZrO_2 = 95 : 5 to 70 : 30 mol/mol under known polymerization conditions and recovering the polyesters produced by known methods.

Reference to : 1216/MAS/94; 882/MAS/2000

Comp. Specn. 29 Pages; Drgs NIL Sheets.

Ind.Cl.:32 F₂ b

193391

Int.Cl.⁷:C 07 D 25 I/54

"A HIGH PRESSURE NON-CATALYTIC PROCESS FOR PRODUCING MELAMINE"

Applicant: DSM MELAMINE B.V.
A LIMITED LIABILITY COMPANY OF THE NETHERLANDS
OF HET OVERLOON 1, HEERLEN,
P O BOX 6500, 6401 JH HEERLEN, THE NETHERLANDS

Inventors: 1. DAVID BEST
2. AMIT GUPTA

Application No 855/MAS/1996 filed on 21st May 1996

Convention No.08/478,088 on, 7th June 1995 in US

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003) Patent Office, Chennai Branch.

9. Claims

A. high-pressure, non-catalytic process for producing melamine from urea wherein liquid melamine is produced and quenched to provide solid melamine powder, the improvement wherein the liquid melamine is fed to a cooling unit where it is quenched with a liquid medium which will form a gas at the temperature of said liquid melamine at a pressure in excess of 600 psi to provide melamine having a purity in excess of 99%.

Reference to : US 4,565,867

Comp.Specn. 13 Pages; Drgs Sheets.

Ind.Cl.:39 L & 39 E

193392

Int.Cl.⁷:C 09 K 3/14

"AN IMPROVED PROCESS FOR THE PREPARATION OF
ALUMINA ABRASIVE GRAINS"

Applicant: M/s. CARBORUNDUM UNIVERSAL LIMITED
A PUBLIC LTD., INDIAN COMPANY
28, RAJAJI ROAD, P.B. NO.1677,
MADRAS - 600 001, TAMILNADU INDIA

Inventors: 1. PONNARASSERY SUKUMARAN JAYAN
2. NARAYANAN ANANTHASESHAN
3. BALACHANDRAN SUBRAMANIAM
4. MURUGAPPAN VELLAYAN MURUGAPPAN

Application No:409/MAS/1996 filed on 15th MAR 1996

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules. 2003) Patent
Office, Chennai Branch.

9 Claims

1. An improved process for the preparation of alumina abrasive grain which comprises
 - i) dispersing boehmite (mono hydroxy aluminium oxide) in water at temperature in the range of 40 to 80°C
 - ii) adjusting the pH of the dispersed solution in the range of 2 to 4 by conventional means;
 - iii) adding additives such as iron, titanium, silicon, magnesium, calcium, yttrium, neodymium, lanthanum, etc as their oxides, nitrates, hydroxides, etc. in quantities such as 0.1 to 7% of the total weight of material as oxide to improve the hardness, toughness, sintering temperature etc.,
 - iv) seeding the solution by adding submicron sized alpha alumina
 - v) drying the resulting gel at a temperature in the range of 60 to 80 °C,
 - vi) crushing the dried gel to the desired shapes and sizes,
 - vii) calcining the crushed gel at a temperature in the range of 300 to 900 °C for a period in the range of 30 to 120 minutes and
 - viii) sintering the calcined grains by using microwave energy as herein described at a temperature between 1200 and 1500 °C for a period of 5 to 60 minutes.

Comp.Specn. 14 Pages; Drgs NIL Sheets.

Ind.Cl.: 32 C

193393Int.Cl⁷: A 61 N 63/00**"A PROCESS FOR THE PREPARATION OF A PROTEASE"**

Applicant: NOVOZYMES A/S
OF KROGSHOJVEJ 36-DK-2880
BAGSVAERD, A DANISH JOINT-STOCK COMPANY
DENMARK

Inventors: 1. HELLE DUTTRUP
2. LARA SPARRE CONRAD

Application No:250/MAS/1996 filed on 15th Feb 1996

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)
Patent Office, Chennai Branch.

3. Claims

A process for the preparation of a protease having immunochemical properties identical or partially identical to those of a protease derived from the strain *Bacillus* sp. I 612, DSM 9701, said process comprising the steps of cultivating a protease producing strain *Bacillus* sp. I 612, DSM 9701 or a mutant or a variant thereof, in a suitable nutrient medium, containing carbon and nitrogen sources and inorganic salts and recovering the protease in a known manner.

Reference to : WO 92/07067; WO 93/24623 WO 94/01532; WO 95/07350

Comp.Speen. 27 Pages; Drgs 2 Sheets.

Ind.Cl.:155 A

193394

Int.Cl⁷:D 04 H 3/14, D 01 F 08/6

"A LOFTY NONWOVEN WEBAND A PROCESS FOR PRODUCINGTHE
SAME"

Applicant: KIMBERLY-CLARK WORLDWIDE, INC.,
A US COMPANY OF 401 NORTH LAKE STREET,
NEENAH,
WISCONSIN 54957 - 0349,
USA

Inventors: 1. LAWRENCE HOWELL SAWYER
2. LINDA ANN CONNOR
3. SAMUEL EDWARD MARMON

Application No1934/MAS/1996 filed on 01st November 1996

Convention No.08/565, 328 on, 30th November 1995 in USSN

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)
Patent Office, Chennai Branch.

17. Claims

A lofty nonwoven web comprising spunbond microfilaments,
wherein said lofty web has a density from 0.01 g/cc to 0.075 g/cc and said
microfilaments are multicomponent conjugate filaments and have a weight-per-
unit length between 0.1 dtex and 1.0 dtex.

Ind.Cl.:76 E

Int.Cl⁷:E 05 C7/02

193395

Applicant: "AN AUTO-LOCK SLIDER FOR SLIDE FASTENER"
YKK CORPORATION
A JAPANESE CORPORATION,
NO.1, KANDA IZUMI-CHO, CHIYODA-KU,
CHIYODA-KU, TOKYO, JAPAN

Inventors: I. HIROSHI MIZUNO

Application No1392/MAS/1996 filed on 7th August 1996

Convention No.7-223483 on, 31st August 1995 in JAPAN

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)
Patent Office, Chennai Branch.

8 Claims

1. An auto-lock slider, for a slide fastener, comprising:
 - (a) a slider body (1) composed of upper and lower wings (6, 7) joined at their front ends by a guide post (8), said upper wing (6) having a locking-pawl insertion hole (20);
 - (b) front and rear attachment lugs (13, 14) projecting from an upper surface of said upper wing (6) and terminating in front and rear provisional spring-holding ends (22, 22);
 - (c) a leaf spring (4) supported at front and rear ends thereof by said front and rear attachment lugs (13, 14) and provisionally held by said front and rear provisional spring-holding ends (22, 22);
 - (d) a locking lever (3) supported between said upper wing (6) and said leaf spring (4) and normally urged to a slider locking position by said leaf spring (4);
 - (e) a pull tab (2) having a pintle (27) supported between said upper wing (6) and said locking lever (3) for bringing said locking lever (3) out of said slider locking position against the resiliency of said leaf spring (4); and
 - (f) a cover (5) accommodating said front and rear attachment lugs (13, 14), said leaf spring (4), part of said locking lever (3) and part of said pull tab (2) and having on its inside surface front and rear covering recesses (37, 37) in which said front and rear provisional spring-holding ends (22, 22) are covered.

Comp.Specn. 25 Pages; Drgs 8 Sheets.

Ind.Cl.:C 08 G 8/28

193396

Int.Cl⁷:32 F₂ a

"A PROCESS FOR PRODUCTION OF MULTICYANATE ESTERS."

Applicant: ALLIED SIGNAL INC.,
OF MORRISTOWN, NEW JERSEY,
USA A US COMPANY

Inventors: 1. DAVID W.H. ROTH Jr.
2. SAJAL DAS

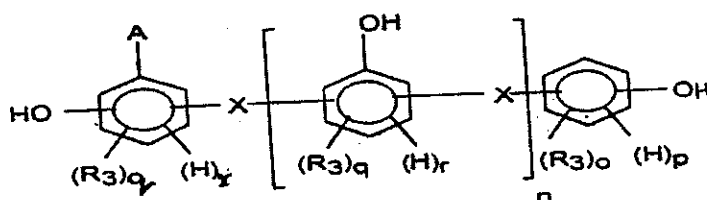
Application No34/MAS/1996 filed on 09th January 1996

Convention No.08/379, 233 on, 27th January 1995 in US

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)
Patent Office, Chennai Branch.

20Claims

1. A process for producing multicyanate esters comprising the steps of a) feeding to a reaction vessel a first feed stream comprising a reaction medium comprising a solvent, an adduct of a tertiary amine and a phenol-formaldehyde oligomer or derivative thereof the formula:



wherein:

n is a positive whole number equal to or greater than 1;

q and r are the same or different at each occurrence and are whole numbers from 0 to 3 with the proviso that the sum of q and r at each occurrence is equal to 3;

o and p are the same or different at each occurrence are whole number from 0 to 4, with the proviso that the sum of o to p at each occurrence is equal to 4;

-x- is a divalent organic radical;

A is selected from the group consisting of hydrogen, chlorine, bromine, alkyl having from 1 to 10 carbons, epoxide, alkoxy having from 1 to 10 carbons, cresol-type resins and mixtures thereof; and

R_3 is the same or different at each occurrence and is a substituent other than hydrogen which is unreactive under conditions necessary to completely cure the copolymer;

b) feeding to said reaction vessel a second feedstream comprising a cyanogen halide in a reaction medium comprising a solvent;

c) feeding to said reaction vessel a recycle stream comprising at least one of the following compounds selected from the group consisting of tertiary amine-hydrohalide salt, solvent, impurities, multicyanate ester and mixtures thereof;

d) reacting said first, second, and recycle streams in said reaction vessel to form a reaction product stream comprising at least one of the following compounds selected from the group consisting of tertiary amine-hydrohalide salt, solvent and impurities and based upon the total weight of the reaction product stream excluding the weight of said tertiary amine-hydrohalide salt, from 10 percent to 40 percent of a multicyanate ester; and

e) removing a portion of said reaction product stream to produce said recycle stream such that the volume ratio of said recycle stream to said product stream is 100 : 1 to 25 : 1, and recovered in a manner as herein described.

Reference to : US 4, 218, 361: US 3, 966, 670: US 5, 137, 989

Comp.Specn. 46 Pages; Drgs 02 Sheets

Ind.Cl.:187 H

193397

Int.Cl⁷:H 04 J 13/04

"AN APPARATUS AND A METHOD FOR TRANSMITTING A VARIABLE RATE PACKET OF DATA SYMBOLS"

Applicant: QUALCOMM INCORPORATED
A DELAWARE CORPORATION
OF 5775 MOREHOUSE DRIVE, SAN DIEGO,
CALIFORNIA 92121-1714
USA

Inventors: 1. EPHRAIM ZEHA VI
2. JACK K WOLF
3. LEONARD N SCHIFF

Application No:601/MAS/1996 filed on 10th April 1996

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)
Patent Office, Chennai Branch.

31 Claims

An apparatus for transmitting a variable rate packet of data symbols comprising a variable number of said data symbols, said apparatus comprising:

channel selection means for receiving said variable rate packet and when the number of said data symbols exceeds a pre-selected threshold value, splitting said variable rate packet into a traffic packet and at least one overflow packet;

transmitter for transmitting said variable rate packet on a traffic channel when number of said data symbols is below said threshold value and for transmitting said traffic packet on said traffic channel and said at least one overflow packet on at least one overflow channel when the number of said data symbols exceeds said capacity, wherein each of said at least one overflow channel is orthogonal to said traffic channel and wherein said at least one overflow channel is selected based on a statistical multiplexing of said at least one overflow channel.

Reference to : US Patent No. 5 103 459 & US 5 101 501;
US Appln.- Serial No. 08/004,484 ; 07/713,661; 08/004,484;08/288 413;
08/171,146; 07/822,164

Comp.Speen. 55 Pages; Drgs 7 Sheets.

Ind.Cl.:40 H

193398

Int.Cl⁷:C 11B 3/00

" A PROCESS AND AN APPARATUS FOR THE RECOVERY OF HIGHLY
FLUORINATED CARBOXYLIC ACIDS FROM EXHAUST GAS STREAMS"

Applicant: DYNEON GMBH,
A CORPORATION ORGANIZED UNDER THE
LAWS OF THE FEDERAL REPUBLIC OF GERMANY OF
D - 84504 BURGKIRCHEN,
GERMANY

Inventors: 1. REINHARD ALBERT SULZBACH
2. WILHELM KOWATSCHE
3. DIETER STEIDL

Application No 178/MAS/1996 filed on 05th February 1996

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)
Patent Office, Chennai Branch.

12 Claims

A process for the recovery of highly fluorinated carboxylic acids from exhaust gas streams, which comprises bringing the exhaust gas into contact with a known alkaline scrubbing solution having high concentration such that the salt of the highly fluorinated carboxylic acid separates out as a separate phase from which said fluorinated carboxylic acids are recovered in a known manner.

Comp.Spcn. 17 Pages; Drgs 01 Sheets.

Ind.Cl.:32 F I

193399

Int.Cl⁷:C 07 C 17/38, 19/08**" A PROCESS FOR HYDROGENATING A CHLORINATED ALKENE"**

Applicant: DOW GLOBAL TECHNOLOGIES INC.,
WASHINGTON STREET,
1790 BUILDING, MIDLAND,
MICHIGAN 48674, USA

Inventors: 1. CELIO LUME - PEREIRA

Application No: 1514/MAS/1995 filed on 22nd November 1995

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)
Patent Office, Chennai Branch.

07 Claims

A process for hydrogenating a chlorinated alkene containing one olefinic $>C=C<$ group and 2 to 12 carbon atoms for producing a chlorinated alkane, wherein the hydrogenation is conducted in the presence of a molar excess of hydrogen and the process comprises the steps of

- (a) contacting a liquid feed stream comprising a chlorinated alkene containing one olefinic $>C=C<$ group and 2 to 12 carbon atoms with a hydrogen-rich gaseous stream and a liquid recycle stream comprising a chlorinated alkane in the presence of a hydrogenation catalyst at a pressure of 1 to 100 bar, the ratio between the liquid recycle stream and the liquid feed stream being controlled such that the temperature during the hydrogenation is from 15 to 150°C and the weight ratio between the chlorinated alkane and the chlorinated alkene being from 1:1 to 100:1;**
- (b) separating the product stream obtained in step (a) into a hydrogen-rich gaseous stream and a liquid product stream comprising a chlorinated alkane at a temperature of from -10 to +50°C and**
- (c) recycling a portion of the liquid product stream comprising a chlorinated alkane to step (a).**

Reference to : US 5316663, US 4899001

Comp.Specn. 14 Pages; Drgs 0 Sheets.

Ind.Cl.: 145 B

193400

Int.Cl⁷: B 32 B 27/10; B 41 M 3/14**"A LAMINATED SECURITY PAPER"**

Applicant: DRAGISA ANDRIC
OF PETRA MARTINOVICA 26, 11030 BEOGRAD AND
BORISLAV STOJANOVIC, OF AUGUSTA CESARCA 29,
11000 BEOGRAD; BOTH ARE OF YUGOSLAVIA, YUGOSLAVIA

Inventors: 1. DRAGISA ANDRIC
2. BORISLAV STOJANOVIC

Application No 1634/MAS/1998 filed on 22nd July 1998

Division to Patent Application No. 110/MAS/1994 file - dated 17th February 1994.

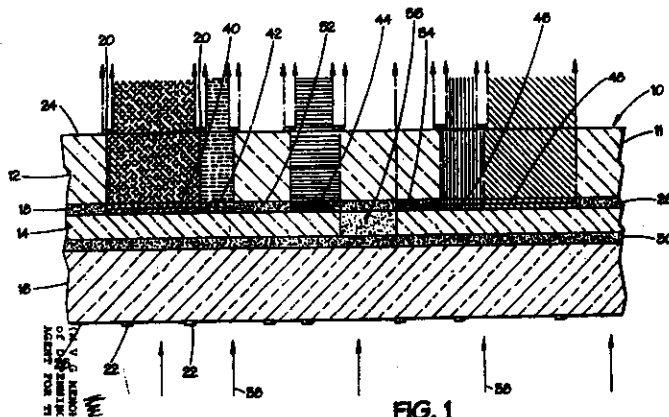
Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)
Patent Office, Chennai Branch.

6 Claims

A laminated security paper characterized by a resinous substrate layer having a first face and a second face; color indicia printed on said first face of said substrate layer with transparent ink, said color indicia having at least one region having a color corresponding to a wavelength of light of from 380 to 720 nanometers; a first layer of adhesive disposed on said first face of said substrate layer, over said color indicia; a second layer of adhesive disposed on said second face of said substrate layer; a first layer of paper disposed over said first adhesive layer and fixed permanently to said substrate layer and said color indicia by said first adhesive layer; and, a second layer of paper disposed over said second adhesive layer and fixed permanently to said substrate layer by said second adhesive layer.

Reference to : US 5161829

Comp.Specn. 35 Pages; Drgs 3 Sheets.



Ind.Cl.: 32 E

193401

Int.Cl⁷: C 08 G 63/26; C 08 G 63/34

"A PROCESS FOR THE PREPARATION OF POLYESTERS
AND COPOLYESTERS BY POLYCONDENSATION OF POLYESTER
FORMING STARTING MATERIALS"

Applicant: ACORDIS INDUSTRIAL FIBERS GMBH
OF KASINOSTRASSE 19-21, D-42103
WUPPERTAL
GERMANY

Inventors: 1. MARTL DR MICHAEL 4. HAERLAND DR KLAUS
2. MEZGER DR THOMAS 5. BOHRINGER DR BERTRAM
3. OBERLEIN DR GERRIET 6. BERGER DR ULRICH

Application No 882/MAS/2000 filed on 17th Oct 2000

Division to Patent Application No. 1216/MAS/1994 dated 6th December 1994.

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)
Patent Office, Chennai Branch.

17 Claims

A process for the preparation of polyesters and copolyesters by polycondensation of polyester forming starting materials like esters and oligoesters in the presence of a titanium based polycondensation catalyst composition consisting of a mixture of titanium dioxide/silicon dioxide coprecipitate and titanium dioxide/zirconium dioxide coprecipitate said titanium dioxide/silicon dioxide coprecipitate having a composition of TiO_2 : SiO_2 = 90 : 10 to 20 : 80 mol/mol and said titanium dioxide/zirconium dioxide coprecipitate having a composition of TiO_2 : ZrO_2 = 95 : 5 to 70 : 30 mol/mol under known polymerisation conditions and recovering the polyesters produced by known methods.

Reference to : Indian Patent application No: 1216/MAS/94; 881/MAS/2000.

Comp.Specn. 29 Pages; Drgs NIL Sheets.

Ind. Cl. : 145 B 193402

Int. Cl.⁷ : B 42 D 015/10

"A SECURITY DOCUMENT AND METHOD FOR MANUFACTURING A SECURITY DOCUMENT"

Applicant : DRAGISA ANDRIC OF PETRA MARTINOVICA 26, 11030 BEOGRAD AND BORISLAV STOJANOVIC, OF AUGUSTA CESARCA 29, 11000 BEOGRAD; BOTH ARE OF YUGOSLAVIA, YUGOSLAVIA.

Inventors : 1. DRAGISA ANDRIC & 2. BORISLAV STOJANOVIC

Application No. 1633/MAS/1998 filed on 22nd July 1998.

Patent of Addition to Application No. 110/MAS/1994 Dated 17th February 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 2003), Patent Office, Chennai Branch.

19 Claims

A security document, characterized by a resinous substrate sheet having two faces; transparent indicia disposed on one of said faces of said resinous substrate sheet; a first and a second paper sheets, each of said paper sheets having an inner face and an outer face, one of said paper sheets being permanently laminated on a respective face of said resinous substrate sheet by means of an adhesive applied between said respective face of said substrate sheet and said inner face of each of said paper sheets; and a set of indicia printed on at least one of said outer faces of said paper sheets, whereby said transparent indicia on said substrate sheet cooperate with said set of indicia to form a total image when viewed in transmitted light.

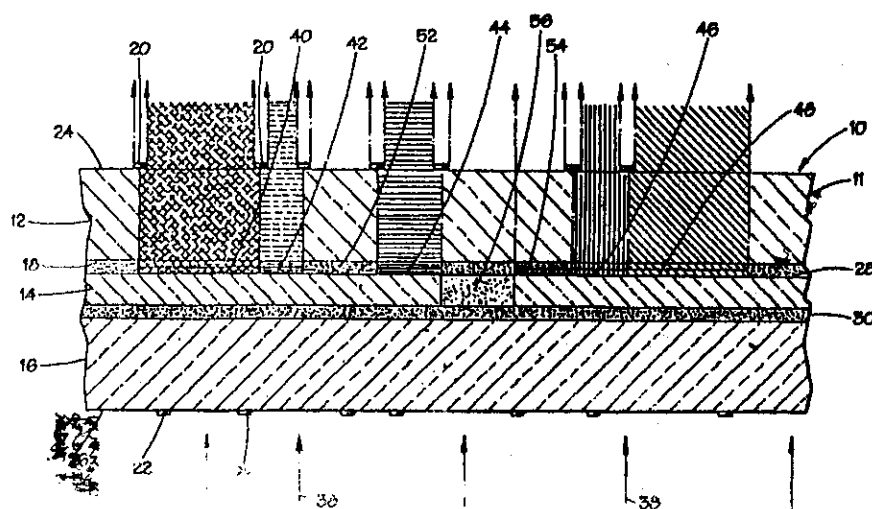


FIG. 1

Reference to : US 5213664; 5199744; 5176405; 5169722; 5161829; 5112672; 5078428 IN 1934/MAS/98

(Comp. Specn. 37 Pages;

Drgs. 3 Sheets)

Ind.Cl.:65 B 2

193403

Int.Cl⁷:B 65 H - 54/22, H 01 F - 41/06**" A WINDING MACHINE"**

Applicant: VIJAI ELECTRICALS LIMITED
OF IDA BALANAGAR,
HYDERABAD - 500037, ANDHRA PRADESH
AN INDIAN COMPANY,
INDIA

Inventors: I. CHILUKURI RAGHU RAMAIAH

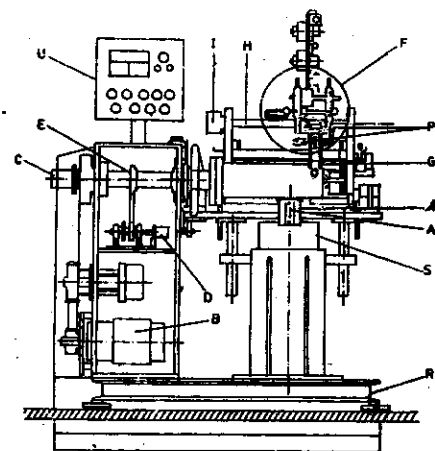
Application No:291/MAS/1997 filed on 13th February 1997

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)
Patent Office, Chennai Branch.

09 Claims

A winding machine comprising a drivable spindle, a drivable traverse means provided with a press roller movable on linear bearings and guides, to move the wire as desired during winding operations, the said traverse means having wire guide means for guiding the wire to the said spindle, the said guide means having means for detecting break or lack of supply of wire, an adjustable feeder means provided with cutting means to feed paper to the spindle and cut the same to the desired length, and a microprocessor based programmable logic control circuit provided with a control panel, the said microprocessor being programmable to control the speed and movements of the traverse means, number of turns for winding, the desired length of paper and ^{for} stopping and restarting of the said machine.

Comp.Specn. 10 Pages; Drgs 02 Sheets.



Ind.Cl.:27 I

193404

Int.Cl⁷:B 27 N 3/00

" NOVEL RICE HUSK AND CEREAL STRAW AND/ OR BAGASSE
PARTICLE BOARD AND A METHOD OF MAKING THE SAME"

Applicant: Dr. JOSEPH GEORGE, BUILDING MATERIALS CONSULTANT,
100, 5A CROSS, 3RD MAIN,
HIG COLONY, RMV II STAGE,
BANGALORE - 560094,
AN INDIAN NATIONAL

Inventors: 1. Dr. JOSEPH GEORGE

Application No:675/MAS/1997 filed on 01st April 1997

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)
Patent Office, Chennai Branch.

14 Claims

Rice husk and cereal straw and/or bagasse particle board comprising a blend of rice husk and cereal straw and/or bagasse bonded together by CNSL/cardanol-phenol-formaldehyde resin and hot pressed to form a composite particle board having a density range of 300 kg/m³ to 1200 kg/m³.

Comp.Specn. 09 Pages; Drgs 0 Sheets.

Ind.Cl.:116G,157B.

193405

Int. Cl.:B66F-9/04;B61K-5/00.

"A SHIFTING DEVICE".

Applicant: LUKAS HYDRAULIK GMBH
OF WEINSTRASSE 39,91058 ERLANGEN,
A GERMAN COMPANY, GERMANY.

Inventors: 1. DIETMAR LINDER;
2. DIETER HESSE.

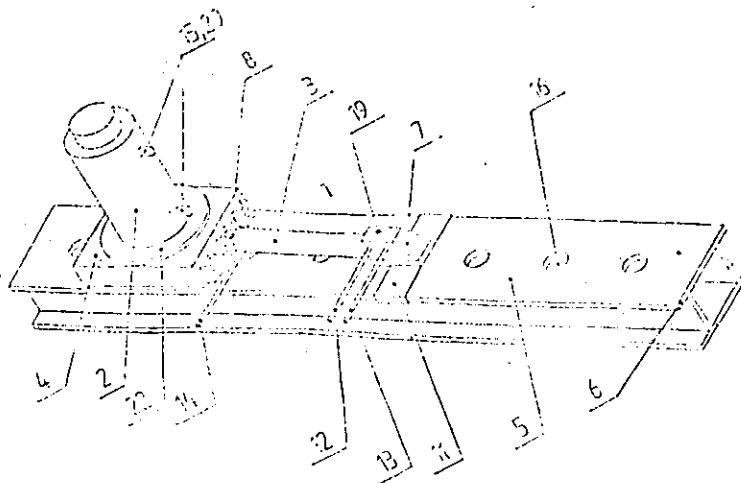
Application No1030/MAS/95. filed on 14-Aug-95.

Convention No. 295 02 801.7 on21-Feb-95., GERMANY.

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)
Patent Office, Chennai Branch.

15. Claims

A shifting device for horizontal shifting of heavy loads, such as derailed rail cars or the like, with at least one lifting cylinder to raise the load, a support such as rerailing bridge, as well as preferably a hydraulically actuated shifting mechanism, wherein the shifting mechanism has at least one horizontally arranged shifting cylinder which by means of locking tie rod is mechanically lockable at the support in different positions on the latter's surface, and which engages in the range of the lifting cylinder or its support and effects a horizontal shifting of it relative to the support, characterized in that in the tie-rod casing(7) the locking tie rod (9) can be brought vertically from a rest position to a locking position and vice versa, that the locking in the locking position is effective in both directions to the support (5) and the shifting cylinder (3) can be acted on by force in both directions.



Comp.Specn. 11. Pages; Drgs 3. Sheets.

Ind.Cl.:155 E

193406

Int.Cl⁷:B 32 B 27/12; A 61 F 13/00; A 41 D 13/00; A 61 F 13/15

"A FILM/SUPPORT LAMINATE"

Applicant: KIMBERLY-CLARK WORLDWIDE, INC.,
A US COMPANY OF 401 NORTH LAKE STREET,
NEENAH,
WISCONSIN 54956, USA

Inventors: 1. Karen Lynn English
2. Ann Louise McCormack

Application No:1588/MAS/1995 filed on 4th December 1995

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)
Patent Office, Chennai Branch.

13. Claims

A film/support laminate comprising a film layer (12) and a support layer (14) laminated to one another to form a film/support laminate (10), said film layer (12) having a machine direction and a cross machine direction, said support layer (14) having a machine direction and a cross machine direction and said laminate (10) having a machine direction and a cross machine direction said film having been oriented in said machine direction prior to being laminated to said support layer (14), said film having an effective thickness of about 13 μ m or less, said film layer (12) after machine direction orientation and lamination defining a film elongation at break value in said cross machine direction, said support layer defining a support elongation at peak load value in said cross machine direction and said laminate defining an elongation at peak load value in said cross machine direction, said film elongation at break value in said cross machine direction being greater than said support elongation at peak load value in said cross machine direction, said film layer (12) defining a film peak load value in said cross machine direction, said support layer (14) defining a support peak load value in said cross machine direction, said laminate defining a laminate peak load value in said cross machine direction, said support peak load value in said cross machine direction being greater than said film peak load value in said cross machine direction and said film peak load value in said cross machine direction being less than said laminate peak load value in said cross machine direction, said laminate peak load value in said cross machine direction being at least 300 grams when measured by tensile test Method 5102 Federal Test methods Standard No.191A at a 2.54 cm x 15.24 cm (1 x 6 inch) laminate strip with the cross machine direction running parallel to the 15.24 cm (6 inch) length, said film layer (12) and said support layer (14) were aligned prior to lamination such that the machine direction orientation of each layer (12, 14) was parallel to one another.

Agent: ~~M/S DePENNING & DePENNING~~
Comp.Specn. 24 Pages; Drgs 2 Sheets.

Ind.Cl.: 70 C 5, 190 A

193407

Int. Cl.⁷ :
F 02 C - 3/20
C 25 B - 5/00
H 01 M - 8/02
F 01 K - 23/10

"A GAS TURBINE POWER SYSTEM FOR PRODUCING ELECTRICITY"

APPLICANT(S) : ZTEK CORPORATION
460 TOTTEN POND ROAD
WALTHAM, MASSACHUSETTS 02154,
USA, A CORPORATION OF
MASSACHUSETTS.

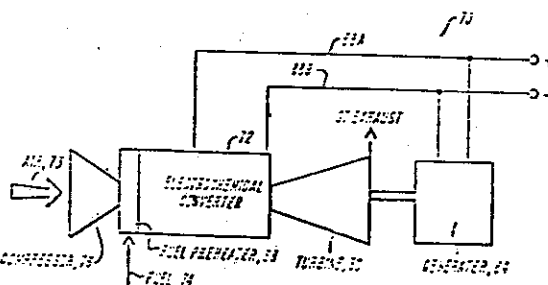
INVENTOR(S) : 1. HSU MICHAEL S
2. HOAG ETHAN D

Application No. 1335 MAS 95 filed on 17-Oct-95

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS
(RULE 4 , PATENTS RULES, 2003) PATENT OFFICE, CHENNAI BRANCH.

29 CLAIMS

A gas turbine power system for producing electricity, comprising one or more compressors for compressing a first medium, one or more electrochemical converters associated with the compressor and being adapted to receive at least one of the first medium and a second medium, the converter being configured to allow electrochemical reaction between the first and second mediums and to produce a single combined exhaust which is a combination of the first and second mediums having a selected elevated temperature, and one or more turbines associated with the electrochemical converter and adapted to receive directly the combined exhaust, wherein the turbine converts the electrochemical converter exhaust into rotary energy.



COMP. SPECN.: 26 PAGES DRAWINGS: 5 SHEETS.

Ind.Cl.:207

193408

Int.Cl⁷:B 27 B - 3/10; B 27 B - 3/14**"PORTABLE SAWMILL"**

Applicant: LUCAS, REX CAMERON
 RMB 1090 Beechworth
 Victoria 3747
 An Australian citizen
 Australia

Inventors: LUCAS, REX CAMERON

Application No:1174/MAS/1995 filed on 11th September 1995

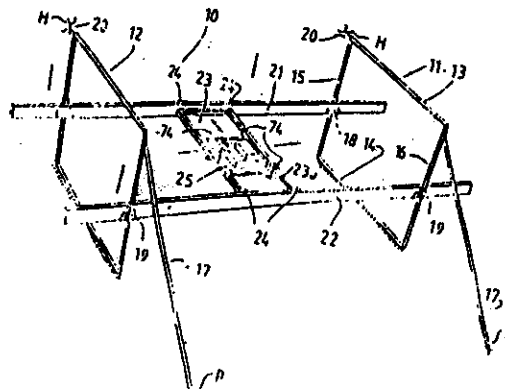
Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)
 Patent Office, Chennai Branch.

9 Claims

A portable sawmill comprising

- a) first and second end frame means;
- b) a pair of longitudinal rails extending between the first and second end frame means;
- c) bracket means for slidably connecting said rails to said end frame means;
- d) winding means on said first and second end frame means said winding means having flexible joining means connected to said bracket means on each end frame means for adjustably moving said rails in unison between upper and lower positions on the end frame means and for retaining said rails in an adjusted position; and
- e) carriage means for a pivotal saw blade mounting and prime mover, said carriage means engageable with said rails and longitudinally movable thereon.

Comp.Specn. 14 Pages; Drgs 9 Sheets.



Ind. Cl. : 158 E 2

193409

Int. Cl. 7 B 61 F - 5/50

"AN IMPROVED LIGHT WEIGHT RAILCAR TRUCK SIDEFRA
AND A METHOD OF CASTING THE SAME"

APPLICANT(S) : AMSTED INDUSTRIES INCORPORATED
205 NORTH MICHIGAN AVENUE
44TH FLOOR - BOULEVARD TOWERS SOUTH
CHICAGO, ILLINOIS 60601 USA A CORPORATION
OF DELAWARE USA

INVENTOR(S) : 1. CHARLES P. SPENCER
2. DONALD J. LANE
3. FRANKLIN S. MCKEOWN

APPLICATION NO : 877 MAS 95 Filed on 12-Jul-95

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS
(RULE 4 , PATENTS RULES, 2003) PATENT OFFICE, CHENNAI BRANCH.

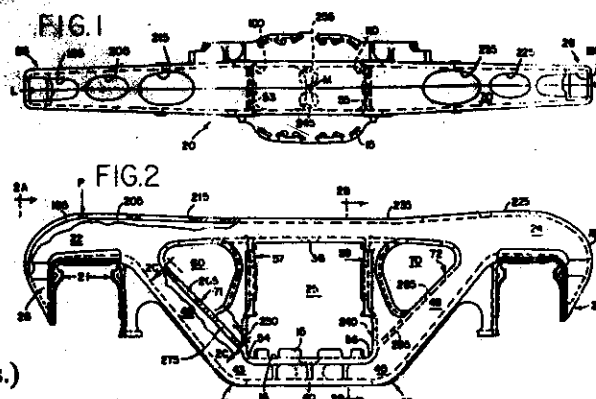
7 CLAIMS

An improved light weight railcar truck sideframe (20) having a longitudinal axis L and a longitudinal sideframe midpoint, said sideframe having a longitudinally extending upper compression member (30) having a front end (22) with a downwardly projecting front pedestal jaw (26) depending therefrom and a back end (24) with a downwardly projecting rear pedestal jaw (28) depending therefrom, a longitudinally extending lower tension member (40) having a central portion disposed generally parallel to said upper compression member (30) and having a first end (41) and a second end (42), said first end interconnected to an upwardly extending first diagonal arm (46), and defining a first bend point (43), said second end (42) connected to an upwardly extending second diagonal arm (47) and defining a second bend point (45), each of said diagonal arms extending upwards to and connecting with a respective upper compression member end at a respective said pedestal jaw, a first (53), and a second (55), vertical column member respectively disposed fore and aft of said sideframe midpoint and connecting said upper compression and lower tension members together, thereby defining a bolster opening and a midsection of said sideframe, each of said vertical columns having a base and a wear plate area, said wear plate area above said base, said compression member (30), said tension member (40), and each of said vertical column members (53,55).

comprised of a respective top wall, a respective bottom wall, and a pair of respective arcuate sidewalls interconnecting said top and bottom walls together to form a respective compression member core, a tension member core, and a pair of vertical column member cores, said lower tension member top wall further including a horizontally disposed spring seat plate, said spring seat plate substantially square in configuration and extending longitudinally between said vertical column members; said upper compression member (30), said first vertical column member (53), and said first diagonal arm (46), on said lower tension member defining a front section of said side frame, which said front section includes a front lightener opening (60), substantially there between, and said upper compression member (30), said second vertical column member (55), and said second diagonal arm (48) on said lower tension member defining a rear section of sideframe, which said rear section includes a rear lightener opening (70) substantially there between, the improvement comprising; said upper compression member top wall having a pair of longitudinally spaced lightener hole sets (205, 215 : 225, 235,) formed therein, each of said hole sets generally disposed between a respective said vertical column member and a respective said pedestal jaw each said hole set extending through said upper—

compression member top wall and in communication with said upper compression member core, each said hole set comprised of a first lightener hole (215, 235) and a second lightener hole (205, 225), each said first and second lightener hole laterally centered on said upper compression member top wall, said first lightener holes of each said hole set substantially equal in cross-sectional area and proximate to a respective vertical column member, said second lightener holes of each said hole set substantially equal in cross-sectional area; said upper compression member having an enlarged pedestal jaw hole (185, 195), at each said sideframe end in close proximity to a respective first lightener hole of said hole set, each said pedestal jaw hole extending through said upper compression member top wall and communicating with said upper compression member core, each respective said enlarged jaw hole extending around a respective said respective pedestal jaw and laterally centered on said upper compression member top wall; said lower tension member 40 having a substantially solid bottom wall and a top wall with a respective pair of lightener holes (265, 275 : 285, 295), in each respective said diagonal arm, each respective said pair of tension member lightener holes comprised of a first lightener hole (265, 285), and a second lightener hole (275, 295), all said tension member lightener holes substantially equal in cross-sectional area, said first

lightener hole (265, 285), on said front diagonal arm generally centered below said front lightener opening, and said second lightener hole (275, 295), on said front diagonal arm generally centered between said first lightener hole and said first bend point, said spring seat plate (16) having a pair of spaced lightener openings (245, 255) formed in a top face of said plate such that said spring plate lightener openings are generally centered on said plate and laterally spaced from each other, said spring plate lightener openings extending through said plate and in communication with said lower tension member core; each of said vertical column member (53, 55), having a respective set of twin lightener openings (230, 240) generally located in said vertical wear plate area of said column, each said set of twin lightener openings in opposed confronting relationship to each other, each said set of twin lightener openings having substantially similar rectangular shapes defined by a vertical extent and a horizontal extent, said vertical extent of said rectangular shape being greater than said horizontal extent, said twin lightener openings on each said vertical column member extending through said respective column member top wall and in communication with a respective vertical column member core.



(Complete Specification 29 Pages Drawings 6 Sheets.)

Ind.Cl.: 9 D

193410

Int.Cl⁷: C 22 C 038/34; C 22 C 038/40

"A PROCESS FOR MANUFACTURING AN APPARATUS OR A PART THEREOF FOR PETRO CHEMICAL PROCESSING"

Applicant: INSTITUT FRANCAIS DU PETROLE
4, AVENUE DE BOIS PREAU,
92502 RUEIL MALMAISON
A FRENCH COMPANY
FRANCE

Inventors: 1. MOUSSEAU VALERIE
2. ROPITAL FRANCOIS
3. SUGIER ANDRE

Application No: I672/MAS/1995 filed on 18th Dec 1995

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, -2003),
Patent Office, Chennai Branch.

12 Claims

A process for manufacturing an apparatus or a part thereof for petrochemical processing, at a temperature between 350°C and 1100°C and comprising the step selected from shaping said parts from a steel and coating the internal walls thereof with a steel, said steel having the following composition by weight:

- about 0.05% of carbon;
- 2.5% to 5% of silicon;
- 10% to 20% of chromium;
- 10% to 15% of nickel;
- 0.5% to 1.5% of manganese;
- at most 0.8% of aluminium;
- the complement to 100% being essentially iron.

Comp.Specn. 15 Pages; Drgs 3 Sheets.

Ind.Cl.:153

193411

Int.Cl⁷:B 24 D 09/08, B 24D 17/00

" AN ABRASIVE DISK BACKING PLATE"

Applicant: NORTON COMPANY (A US COMPANY),
1 NEW BOND STREET, WORCESTER,
MASSACHUSETTS 01615 - 0138,
U.S.A.

Inventors: 1. ANTHONY ALFRED VAN OSENBRUGGEN

Application No:1985/MAS/1996 filed on 08th November 1996

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003),
Patent Office, Chennai Branch.

14 Claims

An abrasive disk backing plate having a mounting aperture and an abrasive disk-bearing surface, said plate being made of a resilient material and being circular with at least three spaced and symmetrically disposed gaps in the circumference thereof.

Comp.Specn. 51 Pages; Drgs 12 Sheets.

Ind.Cl.: 147 G

193412

Int.Cl⁷: G 11 B 7/00**"A RECORDING APPARATUS"**

Applicant: MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD
OF 1006, OAZA KADOMA, KADOMA-SHI
OSAKA 571, A JAPANESE COMPANY
JAPAN

Inventors: 1. YOSHITAKA SAKAUE
2. KENICHI NISHIUCHI
3. EIJI OHNO

Application No 1779/MAS/1996 filed on 8th Oct 1996

Convention No.7-261,246 on, 9th Oct 1995 in JAPAN
Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003),
Patent Office, Chennai Branch.

3 Claims

A recording apparatus for recording information by forming a recording mark on an optical recording medium (57-56, 61) by radiating a laser (35) beam modulated in accordance with a recording pulse train, said recording apparatus comprising a beginning pulse (3) generating circuit (2) for forming a beginning pulse of said recording pulse train; an intermediate pulse generating circuit (4) for forming an intermediate pulse (5) of said recording pulse train; an end pulse generating circuit (6) for forming an end pulse (7) of said recording pulse train; a cooling pulse generating circuit (36) for forming a cooling pulse (41, 43) subsequently to said end pulse (7); a beginning position deciding means (14) for changing a start position of said beginning pulse (3) relative to the position of the other pulses of said recording pulse train according to a length of said recording mark and a distance between continuously formed recording marks; an end position deciding means (20) for changing an end position of said end pulse (7) relative to the position of the other pulses of said recording pulse train according to the length of the recording mark and the distance between the continuously formed recording marks thereby also changing the position of the cooling pulse; and a laser radiating means (35) for modulating a laser beam in accordance with said recording pulse train and radiating the laser beam, wherein said laser beam radiating means (35) radiates the laser beam at a first power in response to said beginning pulse and said end pulse, alternately radiates a laser beam of said first power and a laser beam of a second power lower than said first power between said beginning pulse

(3) and said end pulse (7) in response to said intermediate pulse (5), and radiates a laser beam of a cooling power still lower than a bias power lower than said first power in response to said cooling pulse (41, 43) immediately after said recording pulse train is radiated, said cooling pulse (41, 43) being capable of shaping a mark which is formed by said cooling pulse (41, 43) itself as well as said beginning pulse (3), said intermediate pulse (5) and said end pulse (7).

Comp.Specn. 114 Pages; Drgs 14 Sheets.

Ind.Cl.:32 F₃ (a) & (c)

193413

Int.Cl⁷:C 07 C 47/02, C 07 C 29/14

"A PROCESS FOR THE PREPARATION OF AN ALDEHYDE AND
OPTIONALLY REACTING THE SAID ALDEHYDE TO PRODUCE AN ALCOHOL"

Applicant: BASF AKTIENGESELLSCHAFT, A GERMAN JOINT COMPANY
ORGANISED AND EXISTING UNDER THE LAWS OF THE
FEDERAL REPUBLIC OF GERMANY, WITH A REGISTERED
OFFICE AT 67056 LUDWIGSHAFEN,
FEDERAL REPUBLIC OF GERMANY

Inventors: 1. JURGEN KANAND 4. ALFRED THOME
2. MICHAEL ROPER
3. ROCCO PACIELLO

Application No:37/MAS/1996 filed on 9th January 1996

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003),
Patent Office, Chennai Branch.

11 Claims

A process for the preparation of an aldehyde such as herein described and optionally reacting the said aldehyde to produce an alcohol such as herein described, wherein

(a) 1,3-butadiene is caused to react with an amine of the formula I



in which R¹ and R² independently denote hydrogen, optionally substituted C₁-C₂₀ alkyl radicals, C₂-C₂₀ alkenyl radicals, C₄-C₁₀ cycloalkyl radicals or C₄-C₁₀ cycloalkenyl radicals, or C₆-C₁₀ aryl or C₇-C₁₁ aralkyl radicals or are linked to form a bridging member containing the hetero atom at a temperature of from 20 to 180°C and under a pressure of from 6 to 50 bar or under autogenous pressure in the presence of a compound of palladium, platinum, nickel, rhodium, ruthenium, cobalt or iridium and in the presence of an alkali metal amide or a basic metal oxide to form a mixture of the adducts of the formulas II



II,

and III



III,

(b) the adduct III is isomerized to the adduct II, in a manner such as herein described.

the adduct II is isomerized in the presence of a homogeneous or heterogeneous transition metal element catalyst in the liquid phase or in the presence of a heterogeneous catalyst containing a transition metal element in the gaseous phase to form the enamine of the formula IV



IV.

n-butyraldehyde and/or n-butanol is/are produced from this enamine IV by the reaction thereof with hydrogen and water or water only in the presence of a homogeneous or heterogeneous transition metal element catalyst in the liquid phase or gaseous phase and in the presence of an acid, the amine I is liberated, and the liberated amine I is recycled to the stage defined above as partial reaction a) and isolating the desired compound in a known manner.

Reference to : EP - A 176, 398, US - A, 4, 204, 997

Comp.Specn. 46 Pages; Drgs 0 Sheets.

Ind.Cl.:32 C , 140 B1

193414

Int.Cl⁷:C08F-2/00 ; C10 M - 107 / 00

" A REFRIGERATING UNIT"

Applicant: M/S. SANYO ELECTRIC CO LTD.
A COMPANY OF JAPAN
OF 2-5-5, KEIHANHONDORI MORIGHUCHI-SHI
OHSAKA FU, JAPAN

Inventors: 1. YUTAKA HIRANO 5. KIYOSHI TANAKA
2. TAKEO KOMATUBARA 6. KIYOSHI AKAZAWA
3. TAKASHI SUNAGA 7. MASATO WATANABE
4. YASUKI TAKAHASHI

Application No506/MAS/1999 filed on 29TH APRIL 1999

Division to Application No: 83/MAS/1994 Ante Dated:09/02/1994

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003);
Patent Office, Chennai Branch.

8. Claims

A refrigerating unit comprising a condenser, a compressor, a pressure reducing unit and an evaporator using a hydrofluorocarbon system refrigerant having its purity higher than 99.95 wt% and its amount of chlorine impurity being less than 80 ppm in a refrigeration cycle with at least one refrigerating machine oil with a polyol ester as its base oil, characterized in that said polyol ester is prepared by polymerizing without a catalyst at least one polyol having at least two functional groups with at least one alkyl fatty acid having a straight or branched chain, said polyester having a fluidity point lower than -40°C , a two-liquid separation temperature lower than 20°C , a total acid value lower than 0.02 mgKOH/g and a viscosity of 8 to 100 cst at 40°C .

Ind.Cl.:32

193415

Int.Cl.⁷:C 11 D 7/8, 7/18, 7/38, 7/54**"A PROCESS FOR PREPARING AN AQUEOUS BLEACHING AND/OR LIMESCALE REMOVING COMPOSITION"**

Applicant: RECKITT BENCKISER (UK) LIMITED,
103 - 105 BATH ROAD, SLOUGH,
BERKSHIRE,
SL1 3UH,
UNITED KINGDOM

Inventors: 1. HEATHER ELIZABETH BONETT

Application No 156/MAS/1996 filed on 31st January 1996

Convention No.9501922.0 on, 01st February 1995 in UK

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003),
Patent Office, Chennai Branch.

05 Claims

A process for preparing an aqueous bleaching and/or limescale removing composition having a pH of 2 or less by mixing an aqueous composition comprising hydrogen peroxide or an organic peracid having a pH of greater than 2 but less than 7 and an acidic composition wherein the aqueous composition and the acidic composition are mixed together in a ratio of the aqueous composition to acidic composition of from 10:1 to 1:10, not more than two hours before being applied to the surface requiring bleaching and/or limescale removal.

Comp.Specn. 16 Pages; Drgs 0 Sheets.

Ind. Cl. : 147 G

193416

Int. Cl.⁷ : GII B 7/3

"AN APPARATUS FOR REPRODUCING INFORMATION FROM A RECORDING TRACK OF AN OPTICAL RECORD CARRIER"

Applicant : MATSUSHITA ELECTRIC INDUSTRIAL CO. LTD. A CORPORATION OF JAPAN OF 1006, OAZA, KADOMA, KADOMA-SHI, OSAKA 571, JAPAN & KABUSHIKI KAISHA TOSHIBA, A CORPORATION OF JAPAN OF 72, HORIKAWA-CHO, SAIWAI-KU, KAWASAKI-SHI, KANAGAWA 210, JAPAN.

Inventors : 1. MITSURUO MORIYA 2. SHIN-ICHI TANAKA 3. KOICHI HIRAYAMA

Application No. 570/MAS/1996 filed on 04th April 1996.

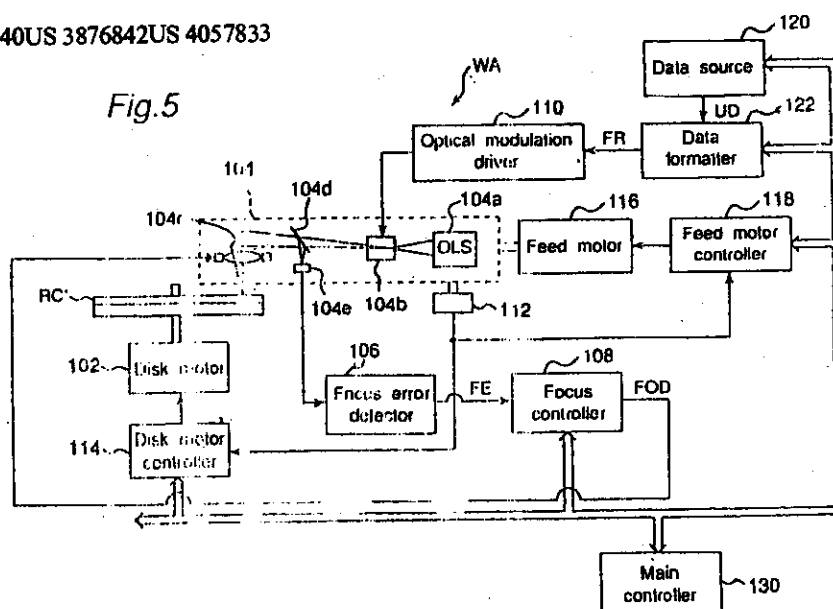
Convention No. 7-083982 on 10th April 1995 in Japan.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 2003), Patent Office, Chennai Branch.

2 Claims

An apparatus for reproducing information from a recording track of an optical record carrier, said track having a plurality of sectors, said information being recorded together with sector information indicative of locations of respective sectors of said plurality of the sectors, said information being recorded in one of a spiral pattern and a concentric pattern on said optical record carrier, said information being randomized with a random number generated by maximum-length generator having a predetermined number of stages with respect to an initial value generated and renewed at least once per revolution of said recording track, based on said sector information, characterized in that said apparatus comprises a reproducing device (104R, 142, 1101) that reproduces said sector information and scrambled information from said sector; an initial value generator (1202) that generated said initial value based upon said reproduced sector information; a generator (1203) that generates said random number based upon said generated initial value utilizing a maximum-length sequence generation method which is the same as the method used for recording said information; and a descrambler (1205) that descrambles said reproduced scrambled information with said generated random number.

Reference to : US 4740940US 3876842US 4057833



(Compl. Specn. 54 Pages;

Drgs. 15. Sheets)

Ind.Cl.:140

193417

Int.Cl⁷:C 10 M 129/28 // C 10 M 129/70**"A LUBRICATING COMPOSITION FOR WATER-BASE WELLS FLUIDS"**

Applicant: INSTITUT FRANCAIS DU PETROLE
4, Avenue de bois Preau 92500 Rueil Malmaison, A French Company,
France
AND
FINA RESEARCH S.A.,
Zone Industrielle C 7181 Senefte (Feluy), A Belgium Company, Belgium

Inventors: 1. Jean-Francois Argillier 4. Andre Demoulin
 2. Annie Audibert 5. Michel Janssen
 3. Pierre Marchand

Application No:1444/MAS/1995 filed on 8th November 1995

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003),
Patent Office, Chennai Branch.

17. Claims

A lubricating composition for water-base well fluids, characterized in that it comprises 50% to 99% by weight of a part A consisting of one or more esters obtained by reaction of linear or branched monocarboxylic acid (A.1) having 8 to 24 carbon atoms, and a linear or branched polyalcohol (A.2) having 2 to 20 carbon atoms, the acid: alcohol molar ratio (A.1:A.2) is between 1:1 and n-n/10:1, where n represents the number of hydroxyl groups of the alcohol A.2; 1% to 50% by weight of a part B consisting of one or more linear or branched monocarboxylic acids having 8 to 24 carbon atoms, and in that the monocarboxylic acid (A.1 and part B) has 1 to 3 unsaturations.

Reference to : US-A-4964615; US-A-5318956

Comp.Specn. 33 Pages; Drgs Nil Sheets.

Ind.Cl.:147 G

193418

Int.Cl.⁷:H 04 N 1/036

" AN APPARATUS FOR REPRODUCING INFORMATION FROM A TRACK OF A RECORDING MEDIUM"

Applicant: M/s. MATSUSHITA ELECTRIC INDUSTRIAL CO. LTD., A CORPORATION OF JAPAN
1006, OAZA KADOMA, KADOMA-SHI, OSAKA 571, JAPAN &
M/s. KABUSHIKI KAISHA TOSHIBA,
A CORPORATION OF JAPAN
72, HORIKAWA-CHO, SAIWAI-KU, KAWASAKI-SHI, KANAGAWA 210, JAPAN

Inventors: 1. SHIN-ICHI TANAKA
2. TOSHIYUKI SHIMADA
3. TADASHI KOJIMA
4. KOICHI HIRAYAMA

Application No553/MAS/1996 filed on 3rd APRIL 1996

Convention No.7-078988 on, 4th APRIL 1995 in JAPAN

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, - 2003),
Patent Office, Chennai Branch.

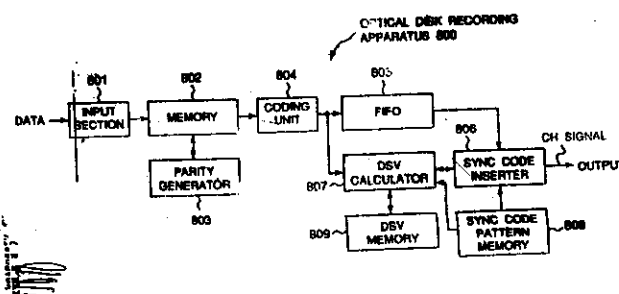
2 Claims

An apparatus for reproducing information from a track of a recording medium, said recording medium storing synchronization codes along said track with an interval between two synchronization codes, data codes located in said interval between said two synchronization codes, said data codes comprising a sequence of code words, said synchronization codes comprising an identifier having a particular pattern distinguishable from any data in said data codes, and type information code specifying a location of a corresponding synchronization code in a data block, characterized in that said apparatus comprises a detector (1101) that detects said synchronization code in said data block by detecting said identifier, and a reader (1102) that reads said type information code in said synchronization code to specify a location of said synchronization code, and to specify said data codes following said synchronization code in said data block.

Fig.0

Reference to : US 4703494; US 5333126

Comp.Specn. 76 Pages; Drgs 20 Sheets. ; Dr



Ind.Cl.:32 C

193419

Int.Cl.⁷:A 01 N 63/00; C 11D 7/42

" A PROCESS FOR THE PREPARATION OF A PROTEASE "

Applicant: M/s. NOVØZYMES A/S.,
A DANISH JOINT-STOCK COMPANY
OF KROGSHØJVEJ 36-DK-2880
BAGSVAERD,
DENMARK

Inventors: 1. HELLE OUTTRUP
2. LARS SPARRE CONRAD

Application No:251/MAS/1996 filed on 15th FEB 1996

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)
Patent Office, Chennai Branch.

4. Claims

A process for the preparation of a protease having immunochemical properties identical or partially identical to those of a protease derived from the strain *Bacillus* sp. ZI 315, DSM 9702, said process comprising the steps of cultivating a protease producing strain of *Bacillus* sp ZI 315, DSM 9702 or a mutant or a variant thereof, in a suitable nutrient medium, containing carbon and nitrogen sources and inorganic salts and recovery said protease in a known manner.

Reference to : WO 92/17578; WO 93/24623; WO 94/01532; WO 95/07350

Comp.Specn. 30 Pages; Drgs 2 Sheets.

Ind.Cl.:5 C I(1)

193420

Int.Cl⁷:A 01 D 41/02**" A SELF - PROPELLED COMBINE HARVESTER "**

Applicant: BERTHOLD HAMPHOFF,
KIRCHPLATZ 4,
48361, BEELEN, GERMANY

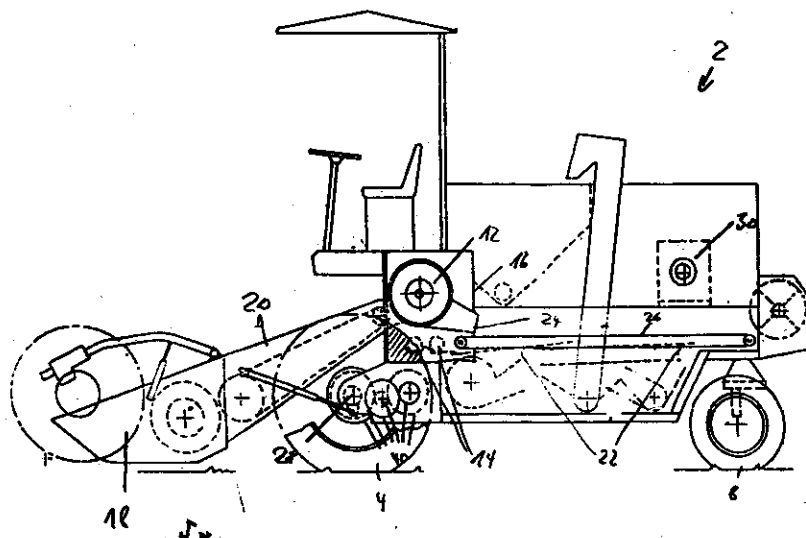
Inventors: I. BERTHOLD HAMPHOFF

Application No:1502/MAS/1995 filed on 21st November 1995

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)
Patent Office, Chennai Branch.

06 Claims

A self-propelled combine harvester comprising a wheeled running gear, having front wheels (4, 6) and rear wheels (8, 10) a threshing and separating device (12) installed transversely with respect to the direction of travel for operating in accordance with the axial-flow system and a conveying device (14) is provided below said threshing and separating device for transferring the grain and chaff mixture to the conveying bottom of a screen device, characterized in that the axle shafts of said front wheels of the self-propelled combine harvester are located in front of the threshing and separating device, in front of the foremost essentially vertical strut of the main frame of the combine harvester and below about the last third, between the feed opening of the inclined conveying channel and the discharge end thereof.



Reference to : DE 37 38 991, DAS 1 222 307

Comp.Specn. 10 Pages; Drgs 02 Sheets.

Ind. Cl. : 172 D8 XX

193421

Int. Cl.⁷ : D 02 H 5/00

SPIN BEAM FOR SPINNING A PLURALITY OF SYNTHETIC FILAMENT YARNS AND ITS MANUFACTURE

Applicant : BARMAG AG A GERMAN COMPANY LEVERKUSER STRASSE 65, 42897 REMSCHEID GERMANY.

Inventors : 1. FELIX HERWEGH
2. FRIEDHEIMITTER
3. WOLFGANG SCHUMANN

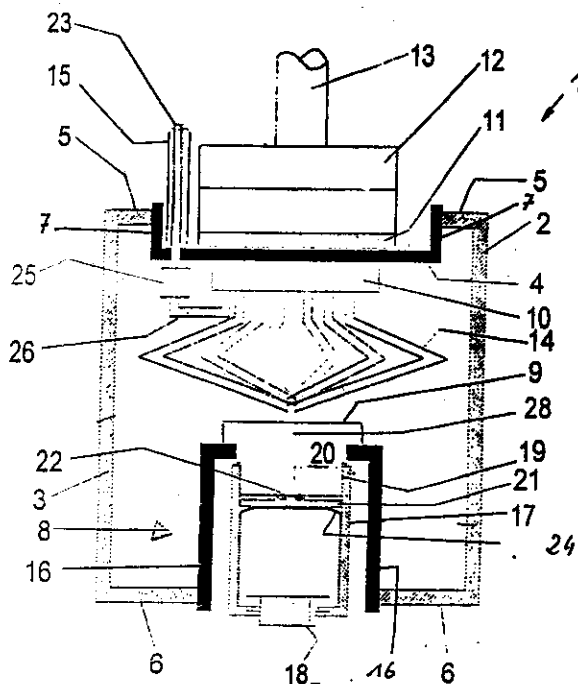
Application No. 1398/Mas/1995 filed on 30th October., 1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 2003), Patent Office, Chennai Branch.

21 Claims

Spin beam, in particular for spinning a plurality of synthetic filament yarns, the beam having the shape of an elongate, hollow parallelepiped block, which is formed by two side walls (2, 3), a lower wall (30), an upper wall (29), and end plates (31), said spin beam comprising a number of pressure-tight spin heads (17) with downwardly directed spinnerets (18) arranged in one row on a lower support (8); at least one multiple pump (12) arranged on an upper support (4); distribution lines (14) connecting the respective multiple pump (12) to the spin heads (17); a pump connection plate (10) joined to the upper support (4) being provided for each multiple pump (12); each distribution line (14) being connected on the one hand to the pump connection plate (10) and on the other hand to the spin head (17), the distribution lines (14) forming together with the pump connection plate (10) and the spin head (17) a self-supporting distributor unit, and at least the lower support (8) forming at least one portion of the lower wall of the spin beam (1), and the side walls (2, 3) the end wall (31), and the upper wall (29) being joined to one another in desired sequence and mounted respectively on the lower and upper support (4, 8) of the self-supporting distributor unit.

Reference to : GERMAN NO. 22 18 139



Ind. Cl. : 206E
 Int. Cl.⁷ : H04L27/10

193422

"A DUAL-MODE TRANSMITTER AND A DUAL-MODE RECEIVER"

Applicant : QUALCOMM INCORPORATED A DELAWARE CORPORATION 5775
 MOREHOUSE DRIVE, SAN DIEGO, CALIFORNIA 92121-1714 USA.

Inventors : 1. PETER J BLACK
 2. NATHANIEL B WILSON

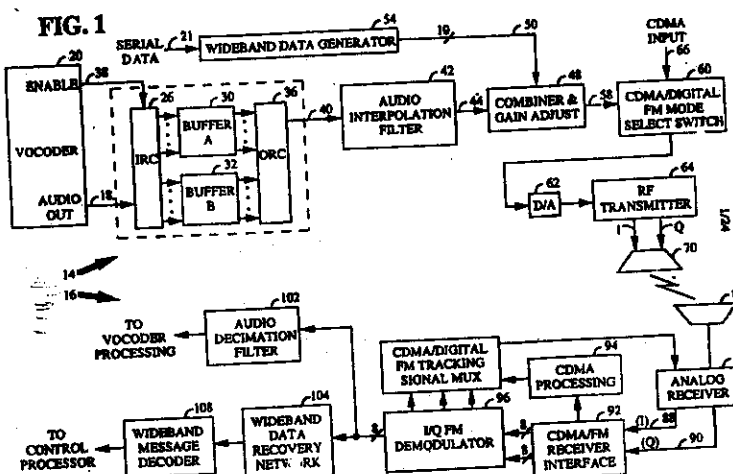
Application No. 1617/Mas/1995 filed on 7th Dec., 1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 2003), Patent Office, Chennai Branch.

8 Claims

A dual-mode transmitter for transmitting an information signal using a frequency modulation (FM) signal when in an FM mode, and using a code division multiple access (CDMA) signal when in a CDMA mode, comprising : a digital signal processor for generating a digital FM audio signal; a wideband data generator, coupled to said digital signal processor, for generating a wideband data signal said wideband data generator comprising a data register for receiving a non-return to zero input data signal; a first multiplexer, coupled to said data register, for generating a portion of said wideband data signal in response to said non-return to zero input data signal; an inverter, coupled to said first multiplexer, for inverting said generated portion of said wideband data signal; and a second multiplexer, coupled to said inverter, said data register and said first multiplexer, for multiplexing said portion of said wideband data signal with said inverted portion of said wideband data signal, thereby generating said wideband data signal; a combiner, coupled to said wideband data generator, for combining said wideband data signal with said digital FM audio signal, thereby producing a composite digital FM signal; and a mode switch, coupled to said combiner, for receiving said composite digital FM signal and a CDMA data signal and providing said composite digital FM signal to a transmitter when in said FM mode and providing said CDMA data signal to said transmitter when in said CDMA mode, said transmitter for upconverting and transmitting said information signal.

Reference to : US 4,675,882; US 5,103,459; US 5,099,204; US 4,818,035.



Ind.Cl.:32 F

193423

Int.Cl.⁷:C 08 F 283/00

"A blend comprising multifunctional phenolic cyanate/phenolic triazine copolymer and an epoxy resin"

Applicant: ALLIED SIGNAL INC.,
A US Company
Morristown, N.J., USA

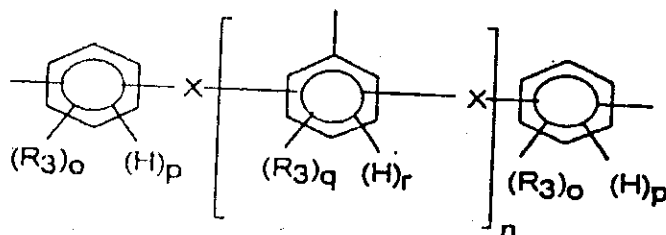
Inventors: 1. SAJAL DAS
2. GERALIDEN SHU-CHUIN SU

Application No: 1479/MAS/1995 filed on 15th November 1995

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)
Patent Office, Chennai Branch.

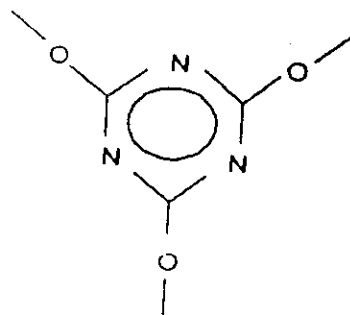
25 Claims

A blend comprising based upon the total weight of the blend, from 5 to 95 of a multifunctional phenolic cyanate/phenolic triazine copolymer comprising three or more phenolic moieties of formula I



I

linked by way of at least one of the open valences to one or more triazine moieties of the formula II



II

and wherein the remainder of the open valences of said phenolic moieties are substituted with -OH, -OCN, or other triazine moieties, provided that at least one of said remaining open valences is substituted with a -OCN moiety; wherein; n is a positive whole number equal to or greater than 1;

q and r are the same or different at each occurrence and are whole numbers from 0 to 3 with the proviso that the sum of q and r at each occurrence is equal to 3; o and p are the same or different at each occurrence and are whole numbers from 0 to 4, with the proviso that the sum of o and p is equal to 4; -X- is a divalent organic radical; and R₃ is the same or different at each occurrence and is a substituent other than hydrogen which is unreactive under conditions necessary to completely cure the copolymer; and from 95 to 5 percent of an epoxy resin selected from the group consisting of bisphenol-A-based epoxy resins, halogenated epoxy resins, epoxy novolac resins, polyglycol epoxy resins, multifunctional epoxy resins and mixtures thereof.

Reference to : US 4970276; US 4978727; US 5126412

Comp.Specn. 41 Pages; Drgs Nil Sheets.

Ind.Cl.: 32 F 2 b

193424

Int.Cl⁷: C 07 D 501/24; 501/34

"A PROCESS FOR PREPARING CEFTIOFURSODIUM FROM ITS
HYDROHALIDE SALTS"

Applicant: ORCHID CHEMICALS AND PHARMACEUTICALS LIMITED
A COMPANY REGISTERED UNDER THE COMPANIES
ACT, 1956 HAVING ITS OFFICE AT: 1, 6 TH FLOOR
CROWN COURT, 34, CATHEDRAL ROAD, CHENNAI 600 086
TAMIL NADU
INDIA

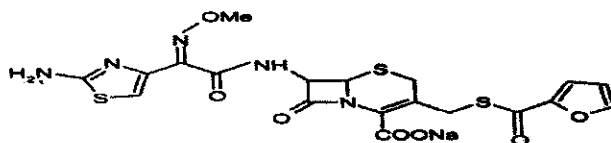
Inventors: 1. PANDURANG BALWANT DESHPANDE
2. BHAUSAHEB PANDARINATH KHADANGALE

Application No:810/MAS/2001 filed on 3rd Oct 2001

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)
Patent Office, Chennai Branch.

9 Claims

A process for preparing ceftiofur sodium of formula



said process comprising the steps of:

- dissolving a ceftiofur hydrohalide salt in an aprotic organic solvent such as hereindescribed and neutralizing it with a silylating agent such as hereindescribed at a temperature in the range of 25 to 65 °C,
- precipitating the ceftiofur acid by quenching with water,
- dissolving the ceftiofur acid from step (b) in a solvent and reacting with a sodium exchanging reagent such as hereindescribed,
- precipitating ceftiofur sodium with a solvent as hereindescribed, and
- isolating the ceftiofur sodium by conventional methods.

Comp.Specn. 13 Pages; Drgs NIL Sheets.

Reference cited : US Patent No. : 4464367, 4877782, 4902683, 4937330

Ind.Cl.:32 F3(d)

193425

Int.Cl⁷:C 07 D 309/30

" A PROCESS FOR PRODUCING 4 - HYDROXY - 6 - METHYL - 3-(4 - METHYL - 2 - PENTENOYL) - 2 - PYRONE"

Applicant: SUMITOMO CHEMICAL COMPANY, LIMITED,
OF 5 - 33, KITAHAMA 4 - CHOME,
CHUO - KU, OSAKA 541 - 8550,
JAPAN

Inventors: I. KAZUYA UJIHARA

Application No801/MAS/2001 filed on 27th September 2001

Convention No.2000 - 299319 on, 29th September 2000 in JAPAN

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)
Patent Office, Chennai Branch.

14 Claims

A process for producing 4-hydroxy-6-methyl-3-(4-methyl-2-pentenoyl)-2-pyrone which comprises allowing 2,3-dihydro-7-methyl-2-(1-methylethyl)-4H,5H-pyrano[4,3-b]pyran-4,5-dione to react with at least one inorganic compound selected from alkali hydroxides, alkaline earth hydroxides, alkali carbonates, alkaline earth carbonates and alkali fluorides in an alcohol, water or a mixture thereof at -20 to 100°C, acidifying the reaction mixture and isolating the product in a known manner.

Comp.Specn. 13 Pages; Drgs 0 Sheets.

Ind.Cl.:32 F2 b; 32 F 3(a)

193426

Int.Cl⁷:C 07 D 307/87**"PROCESS FOR THE PREPARATION OF PURE CITALOPRAM"**

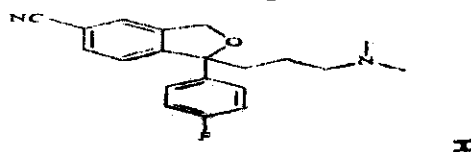
Applicant: H. LUNDBECK A/S
A DANISH COMPANY
OF 9 OTTILIAVEJ,
DK-2500 VALBY-COPENHAGEN, DENMARK

Inventors: 1. ANDREA CASTELLIN
2. GIULIO VOPLE
3. FEDERICO SBROGIO

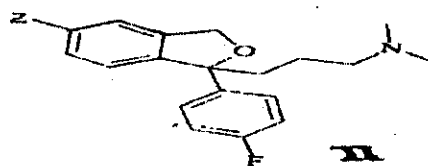
Application No 215/MAS/2001 filed on 9th March 2001

Convention No. PA 2000 01943 on, 28th Dec. 2000 in DENMARK

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)
Patent Office, Chennai Branch.

11 Claims**A process for the preparation of citalopram of formula I**

in which a compound formula II



wherein Z is iodo, bromo, chloro or $\text{CF}_3\text{-(CF}_2\text{)}_n\text{-SO}_2\text{-O-}$ n being 0, 1, 2, 3, 4, 5, 6, 7 or 8, is subjected to a cyanide exchange reaction in which the group Z is exchanged with cyanide by reaction with a cyanide source; the resultant crude citalopram product is optionally subjected to some initial purification and the crude citalopram base is subsequently subjected to a film distillation process in which the evaporation of volatile substances from the mixture to be distilled is performed by heating the mixture as a film by a distillation temperature of 200–330°C and at a pressure of 0.1–2.0 mmHg; the resulting citalopram product is then optionally further purified and worked up and isolated as the base or a pharmaceutically acceptable salt thereof, in a known manner.

Reference to : US Patent : US 4136193; German Patent: DE 2657013

Comp.Specn. 13 Pages; Drgs NIL Sheets.

Ind.Cl.:32 F2 (b); 32 F1

193427

Int.Cl⁷:C 07 D 207/327

"A process for the production of Amorphous Atorvastatin Calcium"

Applicant: Dr. Reddy's Laboratories Limited
An Indian Company having its registered office at
7-1-27, Ameerpet, Hyderabad-500 016,
Andhra Pradesh, India

Inventors: 1. Manne Satyanarayana Reddy
2. Chakilam Nagaraju
3. Gudipati Srinivasulu
4. Katakam Srinivas

Application No:949/MAS/2001 filed on 22nd November 2001

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)
Patent Office, Chennai Branch.

10 Claims

A process for the production of Amorphous Atorvastatin Calcium, which comprises:

- a. heating a mixture of [R-(R^{*}, R^{*})]-2-(4-fluoro phenyl)- β , δ -dihydroxy-5-[(1-methyl ethyl)-3-phenyl- 4-[(phenyl amino)-carbonyl]-1H-pyrrole-1-heptanoic acid, a compound selected from C₁-C₁₀ alkyl ester, allyl ester or benzyl ester, preferably butyl ester; nitrile such as propionitrile and acetonitrile preferably acetonitrile, and alkali hydroxide preferably sodium hydroxide to about 25-60°C.
- b. maintaining the reaction mixture of step a) at 25-60°C for about 3-9 hours preferably 6 hours;
- c. adding to the above reaction mixture an aqueous solution of calcium salt preferably calcium acetate hemihydrate;
- d. further stirring the reaction mixture at 30-50°C for about 30 minutes to 2 hours, preferably 45 minutes;
- e. filtering the reaction solution obtained in step d);
- f. distilling the solvent from reaction solution of step e) to yield a residue;
- g. dissolving the residue of step f) in non-hydroxylic polar solvent;
- h. distilling of solvent of step g) and subsequently adding a non-polar hydrocarbon solvent comprising of n-pentane, n-hexane, n-heptane, cyclopentane, cyclohexane, cycloheptane or petroleum ether;
- i. isolating the obtained amorphous Atorvastatin calcium by filtration or other method known in the art.

Reference to : US 5280126; US 5397792; US 5342952

Ind.Cl.:32 F₃ b

193428

Int.Cl⁷:C 07 C 51/43

"Process for the preparation of a Highly Pure Pharmaceutical Intermediate, 4-(Cyclopropylcarbonyl)- α,α -Dimethylphenyl Acetic Acid"

Applicant: Aurobindo Pharma Limited,
An Indian Company,
Plot No. 2, Maitrivihar (Regd. Office), Ameerpet,
Hyderabad - 500 038, Andhra Pradesh,
India

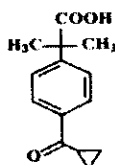
Inventors: 1. Ramesh Dandala
2. Umashankar Das
3. Divvela Venkata Naga Srinivasa Rao
4. Meenakshisunderam Sivakumaran

Application No:511/MAS/2001 filed on 25th June 2001

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003),
Patent Office, Chennai Branch.

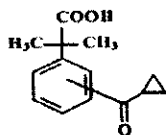
4 Claims

- (i) A Process to obtain highly pure 4-(cyclopropylcarbonyl)- α,α -dimethylphenylacetic acid of Formula I



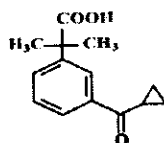
Formula I

which comprises heating a mixture of para and meta regioisomers of Formula VIII



Formula VIII

in a suitable solvent such as a hydrocarbon or an ether to obtain a clear solution, and cooling such that compound of Formula I selectively crystallizes out whereby the amount of the by-product 3-(cyclopropylcarbonyl)- α,α -dimethylphenylacetic acid of Formula II



Formula II

is reduced to below 0.5%.

Reference to : US 5,578,610; US 6,147,216

Agent: Nil

Comp.Specn. 12 Pages; Drgs Nil Sheets.

Ind. Cl. :32 F 3 d

193429

Int.Cl⁷:C 07 D 309/30**" A PROCESS TO PRODUCE HIGHLY PURE SIMVASTATIN"**

Applicant: M/S. AUROBINDO PHARMA LIMITED,
PLOT NO. 2, MAITRIVIHAR COMPLEX
(Regd. Office), AMEERPET,
HYDERABAD - 500038, ANDHRA PRADESH, INDIA,
AN INDIAN ORGANISATION

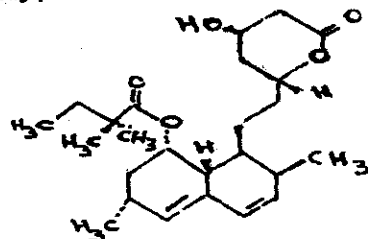
Inventors: 1. RAMESH DANDALA 4. MEENAKSHISUNDERAM SIVAKUMARAN
2. SONNY SEBASTIAN
3. DANDALA SUBRAMANYAM

Application No:402/MAS/2001 filed on 18th May 2001

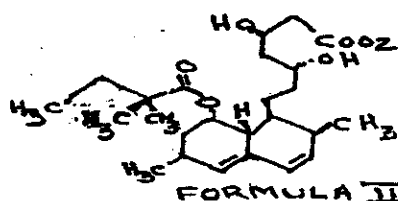
Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003),
Patent Office, Chennai Branch.

03 Claims

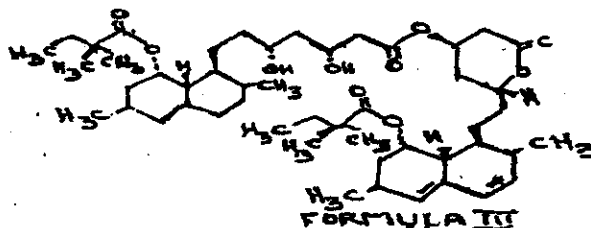
A process to produce highly pure Simvastatin of formula I having less than 0.1% dimer impurities.

**FORMULA I**

Which comprises Lactonization of a compound of the Formula II.

**FORMULA II**

Where Z is H or NH₄ in a mixture of acetonitrile and glacial acetic acid under anhydrous conditions at a temperature of 65-70 °C and wherein the dimer impurity of formula III formed is less than 0.1%.

**FORMULA III**

Thereafter adding water to the reaction mixture thereby causing Simvastatin of formula I to precipitate from the reaction mixture.

Reference to : US 4916239 5917058

Ind.Cl.:32F₂b & 32 F₁

193430

Int.Cl⁷:C07 D 307/00

" AN IMPROVED PROCESS FOR THE PREPARATION OF HIGH
PURITY CITALOPRAM AND ITS PHARAMCEUTICALLY ACCEPTABLE SALTS"

Applicant: M/s. NATCO PHARMA LIMITED,
AN INDIAN COMPANY
NATCO HOUSE, ROAD NO.2,
BANJARA HILLS, HYDERABAD-33 INDIA

Inventors: 1) PULLA REDDY MUDDASANI
2) VENKAIAH CHOWDARY NANNAPANENI

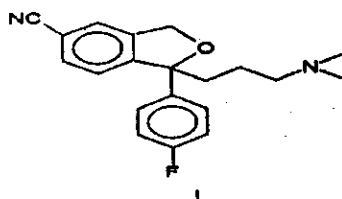
Application No162/MAS/2001 filed on 23/02/2001

Complete specification Left22/02/2002

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)
Patent Office, Chennai Branch.

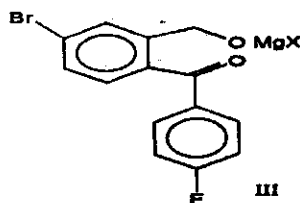
18
Claims

1. An improved process for the preparation of citalopram of the formula I.

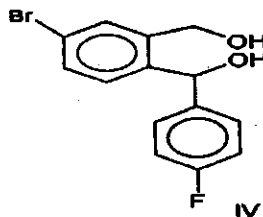


which comprises:

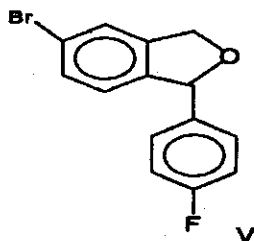
(i) preparing the compound of the formula IV by reducing the magnesium salt of benzophenone derivative of the formula III.



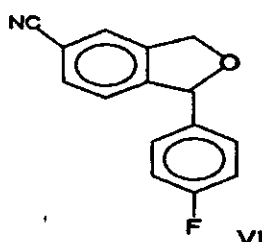
using sodium borohydride in the presence of a protic solvent



(ii) reacting the compound of the formula IV obtained in step(i) with an acid catalyst in a non-polar solvent to obtain a compound of the formula V



(iii) reacting the compound of the formula V obtained in step (ii) with copper (I) cyanide in a polar solvent medium and isolating the resulting cyano compound, by recrystallization by using polar and /or alcoholic solvents to obtain a compound of formula VI



(iv) reacting the compound of the formula VI with a strong base in DMSO medium followed by quenching 3 dimethyl aminopropyl chloride to get the citalopram of the formula I.

(v) pouring the reaction mass obtained in step (iv) above into water and extracting the citalopram into an organic solvent.

(vi) extracting the citalopram from organic solvent into dilute aqueous organic acid.

(vii) adjusting the pH of the resulting aqueous organic acid extract to 7.0 to 8.0 using a weak organic base.

(viii) extracting the liberated citalopram using a non-polar ether or aromatic solvent.

(ix) crystallizing the citalopram from the same solvent after concentrating and isolating by filtration and optionally.

(x) forming the pharmaceutically acceptable salt of the citalopram by conventional methods.

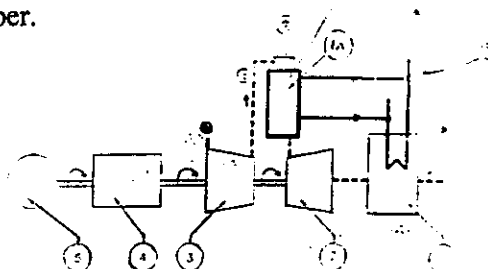
Ref: US 4,136,193 ; WO 00/23431

Provn. 9 Pages; Comp. 27 Pages; Drgs NIL Sheets.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

A combined system for recovering heat and steam from fuel and water respectively comprising a turbine operably connected upstream to a generator through a compressor, said turbine being associated with a fuel supply source at its inlet end the turbine being connected down stream to a steam generator characterized in that said fuel supply source in an externally cooled combustion chamber.

Drawings - 2 - sheets.



IND. CL. : 107H 193432
 INT. CL. : B 67 D 5/16, 5/04
 TITLE : APPARATUS FOR SUPPLYING AN OIL-FUEL MIXTURE FOR I.C. ENGINE.
 APPLICANT : TATSUNO CORPORATION OF NO. 12-13, SHIBAURA 2-CHOME, MINATO-KU, TOKYO, JAPAN, JAPANESE COMPANY.
 INVENTOR : 1. TOSHIAKI MOTOHANSHI
 2. FUMITAKA HAYAMA.
 INDIAN APPLICATION NO. : 252/BOM/1999 DATED 01.04.1999
 PRIORITY NO. : 10-125292 DATED 20.04.1998 OF JAPAN.

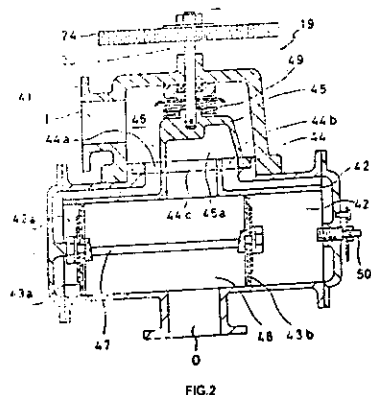
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003),
 PATENT OFFICE BRANCH, MUMBAI-13.

2 CLAIMS.

Apparatus for supplying an oil-fuel mixture for I.C. engine comprising a first supply mechanism (3) and a second supply mechanism (4), wherein said first supply mechanism (3) is provided with a first pump (7) and a flow meter (9) both connected with a first fuel supply pipe (5) which is connected with both a gasoline tank (15) and an oil-fuel mixture delivery hose (11) which is provided with an oil-fuel mixture delivery nozzle (10) at its front end, said first supply mechanism (3) being provided with a display unit (14) for displaying a measurement value of said flow meter (9), wherein said second supply mechanism (4) is provided with a second pump (18) and a displacement-volume measuring instrument (19) both connected with a second lubricating oil supply pipe (16) which is connected with said first fuel supply pipe (5) in a portion immediately before said flow meter (9) of said first supply mechanism (3) the

Said displacement-volume measuring instrument (19) of said second supply mechanism (4) comprising: a main body (41) provided with an inlet port (I) and an outlet port (O), a cylinder (42) received in said main body (41); a pair of pistons (43a, 43b) slidably mounted in said cylinder (42), and a directional control valve (45) through which said inlet port (I) and said outlet port (O) are selectively connected with opposite end chambers of said cylinder (42) said directional control valve (45) being provided with a drive shaft (23) on which a driven gear (24) is fixedly mounted and meshed with a drive gear (22) fixedly mounted on said drive shaft (21) of said flow meter (9) of said first supply mechanism.

Comp.specn.: 12 pages Drawings – 2 – sheets.



IND. CL. : 45 B 1 193433

INT. CL. : A 47 K - 7/08,

TITLE : AN IMPROVED JET SPRAY ATTACHMENT ON COMMODE
FOR CLEANING THE BACK AFTER A PASSOUT.

APPLICANT : SATINDER PAL SINGH ANAND OF VIOLENA APARTMENTS,
& INVENTORS ST. ANNES CHURCH ROAD, PALI BANDRA (W),
MUMBAI 400 050, MAHARASHTRA, INDIA.
INDIAN NATIONAL

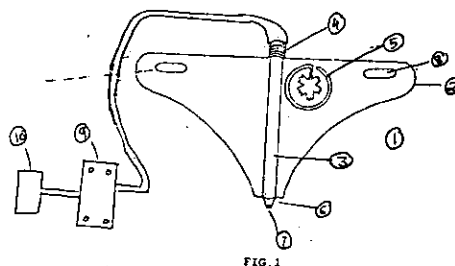
INTERNATIONAL : -----
APPLICATION NO

INDIAN : 297 BOM 1999 DATED 21.04.1999
APPLICATION NO.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,
PATENTS RULES 2003) , PATENT OFFICE BRANCH, MUMBAI - 13.

02 CLAIMS

An improved jet spray attachment (1) on commode for cleaning the back after a pass out consisting of a V-shaped molded piece (2) made of any rustproof material with enough strength provided with a central jet nozzle (3) with threading (4) at one end to fit with conduit or any anchoring means; the other end is slightly tapered (6) with a nozzle mouth (7); the said V-shape piece is provided with adjustable slot (8) at its base for fastening means which is positioned horizontally underneath the seat so that the jet come out at the back at the desired location which is adjustable; the other end of the conduit is connected to a socket (9) provided in the on-line tap connection (10) with off and on knob; the said knob is provided at convenient place so that person seating on the commode can operate it conveniently in his seating position.



Comp. specn.: 08 pages

Drawings: 02 sheets

tg

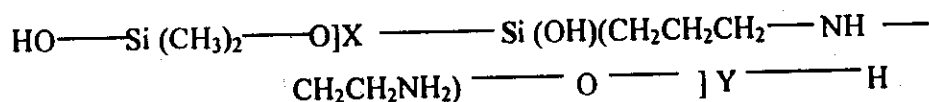
IND. CL. : 170 D 193434
 INT. CL. : C 11 D - 11/00
 TITLE : SHAMPOO COMPOSITIONS
 APPLICANT : HINDUSTAN LEVER LIMITED, HINDUSTAN LEVER HOUSE,
 165/166 BACKBAY RECLAMATION, MUMBAI 400 020,
 MAHARASHTRA, INDIA. AN INDIAN COMPANY.
 INVENTOR : ANDREW MALCOLM MURRAY
 INTERNATIONAL APPLICATION NO : -----
 INDIAN APPLICATION NO. : 143 BOM 1999 DATED 01.03.1999
 PRIORITY NO. : 9804725.1 DATED 05.03.1998 OF U.K.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,
 PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

01 CLAIM

An aqueous shampoo composition comprising, in addition to water:

- i) at least one surfactant chosen from anionic, non ionic, zwitterionic or amphoteric surfactants or mixtures thereof;
- ii) an amino functionalised silicone; and
- iii) emulsified particles of an insoluble, non-amino functionalised silicone, in which the emulsified non amino functionalised silicone, has a viscosity of at least 500,000 cst, and wherein the average silicone particle size in the shampoo composition is from 0.01 to 2 microns; and wherein the total amount of silicone in the composition is from 0.03 to 5%; and wherein the ratio of amino functionalised silicone to non amino functionalised silicone ranges from 1:3 to 1:20; and the wherein amino functionalised silicone has the following formula:



and wherein X and Y are such that the molecular weight of the polymer is between about 5,000 and 500,000.

Comp. specn. 23 pages

Drawings : Nil

tg

IND. CL. : 55 E4 193435

INT. CL. : A 61 K 31 / 35, 31/41

TITLE : PROCESS FOR PRODUCTION OF A
FIBRINOLYTIC ENZYME (ACTINOKINASE) USING A
THERMOPHILIC STREPTOMYCES MEGASPORUS SD 5,
ITS MUTANTS AND VARIANTS.

APPLICANT : AGHARKAR RESEARCH INSTITUTE OF MAHARASHTRA
ASSOCIATION FOR THE CULTIVATION OF SCIENCE, A
SOCIETY REGISTERED UNDER THE SOCIETIES
REGISTRATION ACT XXI OF 1860 (REG.NO.1489), G.G.
AGARKAR ROAD, PUNE 411 004, MAHARASHTRA, INDIA.
INDIAN.

INVENTORS : 1. DR. SABITA DEY
2. RATNAKAR R.CHITTE

INTERNATIONAL : -----
APPLICATION NO

INDIAN : 268 BOM 1999 DATED 12.04.1999
APPLICATION NO. Complete specification filed after provisional specification
on 11.04.2000

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,
PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

10 CLAIMS

A process for the preparation of a novel enzyme from the microorganism Streptomyces megasporus SD5 comprising cultivating the microorganism Streptomyces megasporus SD5 comprising cultivating the microorganism Streptomyces megasporus SD5 or a variant or mutant thereof under aerobic conditions at a temperature in the range of 45° C to 65° C in an alkaline aqueous nutrient medium and recovering the enzyme.

Prov. Specn. 07 pages Drawings: NIL
Comp.Specn. 44 pages Drawings: 07 sheets

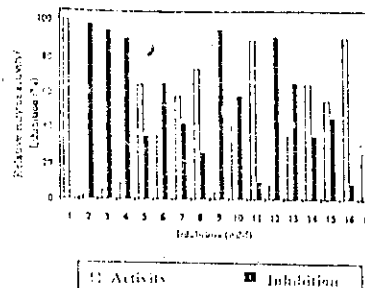


Fig. 5) Effect of inhibitors on enzyme activity

1. Control	2. Actipain
3. Bestatin	4. Chymostatin
5. E-64	6. Leupeptin
7. Pepstatin	8. Phosphoramidon
9. Tetra-iso	10. EDTA
11. EDTA + Ca ²⁺	12. Aprotinin
13. Thymine inhibitor	14. β-Mercaptoethanol
15. HCEK	16. 1,10-Phenanthroline
17. PMSF	

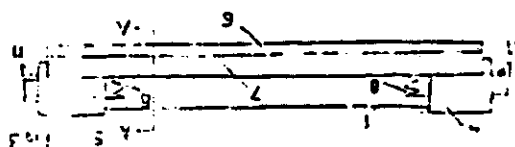
tg

IND. CL. : 194 C6(C) 193436
INT. CL. : F 21 S - 54/ 00
TITLE : STRAIGHT FLUORESCENT TUBE THAT HAS SOCKETS ON BOTH SIDES
APPLICANT & INVENTORS : SHAH SURESH HIRALALL, 215, SHANTIKUTEER, MARINE DRIVE, NETAJI SUBHASH ROAD, MUMBAI 400 020, MAHARASHTRA, INDIA. AN INDIA CITIZEN
INTERNATIONAL APPLICATION NO : -----
INDIAN APPLICATION NO : 545 BOM 1999 DATED 04.08.1999
APPLICATION NO.
PRIORITY NO. : 19900888 DATED 12.01.1999 OF GERMANY.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003) , PATENT OFFICE BRANCH, MUMBAI - 13.

11 CLAIMS

Straight fluorescent lighting tube having sockets on both sides, comprising a straight glass tube as a gas discharge lamp, being provided on both ends with sockets having contact pins, characterized in that the electronic ballast is housed in one or divided into both said sockets and a wiring harness or electrical connections being made between the said sockets; said electrical connections being housed in the lining or wiring channel.



Comp.specn.: 12 pages,

Drawings: 01 sheet

IND. CL. : 189 [LXVI(9)] 193437
INT. CL. : A 61 K -7/ 40,7/42
TITLE : SUNSCREEN COSMETIC COMPOSITION.
APPLICANT : HINDUSTAN LEVER LIMITED, HINDUSTAN LEVER HOUSE,
165/166 BACKBAY RECLAMATION, MUMBAI 400 020,
MAHARASHTRA, INDIA. AN INDIAN COMPANY
INVENTORS : 1. BRIAN JOHN DOBKOWSKI
2. MICHAEL CHARLES CHIENEY
3. ALEXANDER PAUL ZNAIDEN
4. WALTER ROSE
INDIAN APPLICATION NO. : 386 BOM 1999 DATED 21.05.1999
PRIORITY NO. : 09/090294 DATED 04.06.1998 OF U.S.A

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,
PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

10 CLAIMS

A sunscreen cosmetic composition comprising:

- (i) from 0.01 to 5% by weight of an oil dispersible inorganic sunscreen particulate having an average particle size of from 0.1 to 20 micron;
- (ii) from 0.1 to 5% by weight of an organic sunscreen agent with a chromophoric group active within the ultraviolet radiation range from 290 to 400 nm;
- (iii) from 0.5 to 50% by weight of an emollient oil; and
- (iv) from 1 to 90% by weight of water.

Comp. specn. 27 pages

Drawings: Nil.

IND. CL. : 97 F 193438

INT. CL. : H 05 B 3/26.

TITLE : RADIANT ELECTRIC HEATER.

APPLICANT : CERAMASPEED LIMITED OF
HADZOR HALL, HADZOR DROITWICH,
WORCESTERSHIRE WR 9 7DJ,
UNITED KINGDOM.
BRITISH COMPANY.

INVENTOR 1. PETER RAVENSCORFT WILKINS
2. DAVID AUBREY PLUMPTRE.

INTERNATIONAL : -----
APPLICATION NO

INDIAN : 326 BOM 1999 DATED 29.04. 1999
APPLICATION NO.

PRIORITY NO. : -----

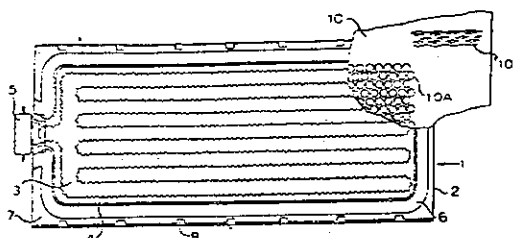
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,
PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

16 CLAIMS

A radiant electric heater including a base layer, a peripheral wall; at least one heating element; and at least one covering fabric sheet operatively supported by the peripheral wall in overlying relationship to an outer surface of peripheral wall and spaced from the heating element, the base layer and peripheral wall being formed of thermal insulating material, and the at least one fabric covering sheet being formed of filaments selected from glass filaments, ceramic filaments and metal filaments.

Comp.specn.: 10 pages

Drawings – 2 – sheets.



IND. CL. : 127 A 193439

INT. CL. : F 16 D - 13/75

TITLE : FRICTION CLUTCH WITH AUTOMATIC COMPENSATION FOR WEAR.

APPLICANT : LUK LAMELLEN UND KUPPLUNGSBAU BETEILIGUNGS KG OF 77813 BUHL / BADEN, GERMANY, GERMAN COMPANY

INVENTORS (1) CHISTOPHE ACKER
(2) ROLF MEINHARD

INTERNATIONAL : -----

APPLICATION NO

INDIAN : 172 BOM 1999 DATED 10.03.1999

APPLICATION NO.

PRIORITY NO. : 19811937.2 DATED 19.03.1998 OF GERMANY.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

23 CLAIMS

A friction clutch with automatic compensation for wear comprises:

a housing having a wall and being rotatable about an axis;

a pressure plate rotatable with and having limited freedom of axial movement relative to said housing;

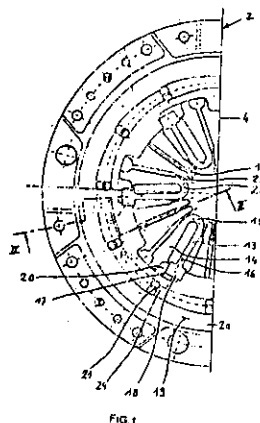
at least one diaphragm spring disposed between said wall and said pressure plate, arranged to bias said pressure plate axially of said housing and away from said wall with a force which tends to vary as a function of the extent of wear upon the friction clutch, said at least one diaphragm spring including an annular portion spaced apart from said axis and prongs extending from said annular portion toward said axis; and

means for compensating for wear upon the friction clutch by maintaining said diaphragm spring at an at least substantially constant stress condition, including means for moving said at least one diaphragm spring in the direction of said axis from said wall toward said pressure plate, said moving means including a substantially annular array of ramps carried by and extending in a circumferential direction of said housing, and a plurality of portions forming part of said at least one diaphragm spring, each portion cooperating with at least one of said ramps, wherein at least in the engaged condition of the friction clutch, the biasing force generated by the diaphragm spring is transmitted to the housing by said portions.

Comp.specn. 46 pages

Drawings: 15 sheets

1/3



IND. CL. : 35 B 193440 0

INT. CL. : E 01 C - 11/00

TITLE : A RAPID SETTING CEMENTITIOUS COMPOSITION.

APPLICANT & INVENTORS : MALSHE VINOD CHINTAMANI, I, UNIVERSITY STAFF
QUARTERS, UDCT CAMPUS, MATUNGA, MUMBAI 400 019.
MAHARASHTRA, INDIA, INDIAN NATIONAL

INTERNATIONAL APPLICATION NO : -----

INDIAN APPLICATION NO. : 401 BOM 1999 DATED 26.05.1999
Complete specification filed after provisional specification on
24.05.200.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,
PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

01 CLAIM

A rapid-setting cementitious composition comprising of:

90-97 percent cement such as ordinary, Portland cement or high alumina cement,
0.1-0.5 percent citric acid which acts as a set accelerator facilitating rapid setting of the
cement composition,

1-2 percent water reducing compound such as Sodium lignosulfonate, Naphthalene
Formaldehyde sulfonate, Melamine formaldehyde sulfonate, Polyacrylate or
Methacrylate,

and 1 to 5 percent by weight flexible and extendable plastic preferably polypropylene or
polyethylene, shaped in the form of dumb-bells.

Prov. Specn. : 3 pages
Comp. Specn.: 6 pages

Drawings: NIL
Drawings: NIL

IND. CL. : 32 F3 b 193441

INT. CL. : C 07 C – 57/32, A 01 N 37/10,

TITLE : AN IMPROVED PROCESS FOR MANUFACTURING HIGH QUALITY PHENYL ACETIC ACID FROM AQUEOUS STREAM OF 6-AMINO PENICILLANIC ACID PRODUCTION.

APPLICANT : KOPRAN LTD., AN INDIAN COMPANY, MEHTRA INDUSTRIAL ESTATE, M.VASANJI ROAD, SAKINAKA, MUMBAI 400 072, MAHARASHTRA, INDIA

INVENTORS : 1. SUBHASH MALI
2. SHARAD VENGSAKAR
3. RAJESH AGRAWAL
4. AJIT BORGAONKAR

INTERNATIONAL APPLICATION NO : -----

INDIAN APPLICATION NO. : 258 BOM 1999 DATED 05.04.1999

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

05 CLAIMS

An improved process for manufacturing high quality phenyl acetic acid from aqueous stream of 6-Amino Penicillanic acid production comprising,

- a) extracting the phenyl acetic acid mother liquor with organic solvent,
- b) separating the aqueous and organic phases,
- c) extracting phenyl acetic acid from organic layer using aqueous medium at pH between 1.0 to 10.0,
- d) separating phenyl acetic acid by isoelectric precipitation at pH 3.5 to 5.5,
- e) filtering the reaction mass using a nutsche filter,
- f) drying the product at 50° C under vacuum.

Comp. specn. : 06 pages

Drawings: Nil

tg

IND. CL. : 170 D 193442

INT. CL. : C 11 D 11/00

TITLE : IMPROVED PROCESS FOR PREPARING A LOW TFM
DETERGENT BAR MANUFACTURE.

APPLICANT : HINDUSTAN LEVER LIMITED,
HINDUSTAN LEVER HOUSE, 165/166
BACKBAY RECLAMATION, MUMBAI - 400 020
MAHARASHTRA, INDIA. AN INDIAN COMPANY

INVENTOR 1. BEHAL VIDUR
2. BHATIA ATUL
3. MITAL VINNET
4. KOHLI GURPREET SINGH.
5. LAKSHMINARAYANAN MAHESH.

INTERNATIONAL APPLICATION NO : -----

INDIAN APPLICATION NO. : 902 BOM 1999 DATED 08.12. 1999

COMPLETE SPECIFICATION FILED AFTER PROVISIONAL SPECIFICATION ON
07.12.2000.

PRIORITY NO. : -----

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,
PATENTS RULES 2003) PATENT OFFICE BRANCH, MUMBAI - 13.

15 CLAIMS

An improved process for preparing a low TFM detergent bar composition comprising :

- a) reacting at a temperature between 25⁰C to 95⁰C, a mixture of one or more fatty acids/fat such as herein described and phosphoric acid with an aluminum containing alkaline material having a solid content of 20 – 55% wherein Al₂O₃ to Na₂O is in the ratio of 0.5 to 1.55 by weight to obtain a mixture of aluminium hydroxide-phosphate complex and soap;
- b) adding pre-determined amount of water to the mixture of aluminium hydroxide-phosphate complex and soap;
- c) optionally, adding other minor additives to the mixture of step b);
- d) converting the product of step c) into bars by conventional method.

Comp.specn.: 19 Pages

Prov. specn. : 15 pages

Drawings – Nil - sheet
Drawings–Nil - sheet

IND. CL. : 13 c (xL(1))
179 F 193443
INT. CL. : B 43 M 01/00
20 B (XLICI (2))
TITLE : A TAMPER PROOF SEAL FOR LOCKING THE DRUMS WITH
LOCKING CLAMP AND OTHER SIMILAR CLOSURE SYSTEMS.
APPLICANT : RAVI KAMAL BALI
601-C, SHRADHA, ASHA NAGAR WESTERN EXPRESS HIGHWA
KANDIVALI (E) MUMBAI- 400 101 MAHAASHTRA INDIA,
An Indian Co.
INVENTORS : IDEM
INTERNATIONAL APPLICATION NO
INDIAN APPLICATION NO. : 236/BOM /1999 DATED 24.11.2003
PRIORITY NO.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,
PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

4 CLAIMS

1. A tamperproof seal for locking the drums with locking clamp and other similar closure systems comprising of a retaining lug and an assembled disc, the said retaining lug consisting of a narrow stem portion provided with an enclosed slot near its free end and a wide portion, integral to the said narrow stem portion, angularly bent, forming a flap at the other end, opposite to the said slot, the said assembled disc comprising of a dish shaped housing having rim, a notch provided in the housing, forming a triangular projection projecting out at the inner side of the housing, near the rim, an outwardly projecting out packet with one side narrow slit opening, formed by a corresponding depression, on the inner side of the housing, provided coaxially with the said notch, a locking strip provided with the guiding slot at one end, a locking lug, at the other end and an inverted "C" shaped slot in middle portion, forming a second locking lug, the said locking strip being folded back so that the first locking lug rests over the second locking lug, in an inclined position, forming a locking cage, the said locking strip being placed inside the said housing with the guiding slot engaging the said notch, and the said locking cage formed by the two locking lugs lying inside the depression of the said pocket, a cover disc placed over the locking strip holding it in position and the rim of the housing beaded/crimped over the said cover disc pressing over the said locking strip in a non-accessible and non removable manner and forming an assembled disc of the seal, with the said pocket on the outer side of the housing with the narrow slit opening, serving as main locking area between the locking strip and the retaining lug on sealing.

Complete Specification – 12

Drawing Sheets : NIL

IND. CL. : 179 F 193444
INT. CL. : B 65 D 063/10
TITLE : A TAMPER - CUM- LEAK PROOF CONTAINER
APPLICANT : RAVI KAMAL BALI.
GOL-C, SHRADDHA, ASHA NAGAR, WESTERN
EXPRESS HIGHWAY KANDIVILI (E)
MUMBAI - 400 101 MAHARASHTRA INDIA
AN INDIAN NATIONAL
INVENTORS : IDEM
INTERNATIONAL APPLICATION NO :
INDIAN APPLICATION NO. : 218/BOM/1999 DATED 25.03.1999
PRIORITY NO.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,
PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

4 CLAIMS

An improved tamper proof strap seal comprising of a strap provided with a plurality of teeth, a flap provided at one end of the said strap and a casing/locking mechanism integrally formed with the said flap and the strap, the said locking mechanism consisting of a closed body protruding out from the junction of said strap and the flap, the said body being provided with a narrow passage and a ratchet projecting inside the said passage of the body, an identification mark such as serial No. / logo/ client's name being embossed on the said flap, strap and/or casing/locking mechanism.

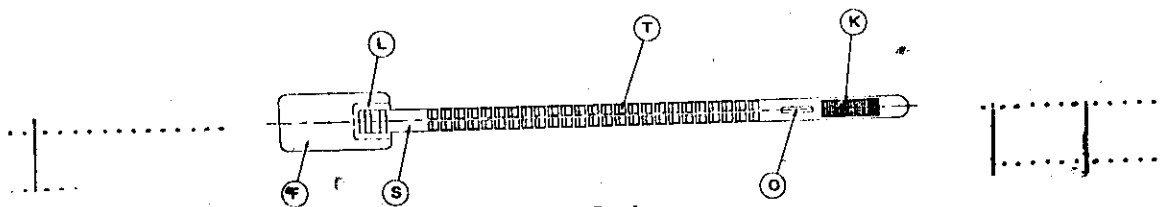


FIG. -1

COMPLET SPECIFICATION : 8 PAGES

DRAW : 2 SHEETS

IND. CL. : 63(MISC) 193445

INT. CL. : H01 F 1/36
C08 L 1/02
C01 G 49/00

TITLE : AN IMPROVED PROCESS FOR THE PREPARATION OF
MAGNETIZABLE CELLULOSE

APPLICANT : DEPTT. OF ATOMIC ENERGY GOVT OF INDIA. ANUSHAKTI
BHAVAN CHHATRAPATI SHIVAJI MAHARAJ MARG, MUMBAI
400 038 MAHARASHTRA INDIA.

INVENTORS : 1.KADWAD VIJAY BHAN
2. SINHA PANKAJ KUMAR
3. NARAYAN DR. JYOTSNA
4. NAGALINGAM DR. SIVAPRASAD

INTERNATIONAL APPLICATION NO

INDIAN APPLICATION NO. 805/BOM/1999 DATED 17.11.1999

PRIORITY NO.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,
PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

7 CLAIMS

- A process for the preparation of magnetizable cellulose comprising steps of
- (i) preparing a mixture of iron (ii, iii) oxide of particle size less than 100 μ m with micro crystalline cellulose by mixing the said components in a ratio of from 20:80 to 70:30 by weight;
 - (ii) Suspending the mixture in water with a dispersant 0.1 – 0.2% by volume of water to give a slurry with solid content 15-25% by weight;
 - (iii) Subjecting the slurry to grinding by charging a stirred ball mill with
 - a) grinding media comprising hardened steel balls of 60-40 HRc hardness and having either 5mm or 6mm diameter, sufficient to occupy 55% (in case of 5mm dia.) or 62% (in case of 6mm dia.), of the effective volume of the grinding pot and.
 - b) said slurry from 14.0% to 18.7% (in case of 5mm dia.) or from 16.7% to 22.3% (in case of 6 mm dia.) of the effective volume of the grinding pot. And running the mill, at grinding speed of between 180-220 rpm, until magnetizable cellulose particles of the required size are formed;
 - (iv) separating the said magnetizable cellulose particles from the said grinding media;
 - (v) Optimally ultrasonicing the said magnetizable cellulose particles to break the aggregates formed if any.

COMPLET SPECIFICATION : 14 PAGES

DRAW : NIL

IND. CL. : 40 F 193446

INT. CL. : C 22 C 14/00
C 22 C 38/00

TITLE : AN APPARATUS FOR THERMOCHEMICAL
DIFFUSION ON THE SURFACE OF THE SUBSTRATE.

APPLICANT : INSTITUTE FOR PLASMA RESEARCH,
B - 15-17, P/ SECTOR - 25,
GIDC, ELECTRONICS ESTATE,
GANDHI NAGAR - 382 044, GUJARAT
INDIA.

INVENTOR 1. SUBROTO MUKHERJEE
2. PUCADYIL ITTOOP JOHN.

INTERNATIONAL : -----
APPLICATION NO

INDIAN : 301 BOM 1999 DATED 22.04. 1999
APPLICATION NO.

PRIORITY NO. : -----

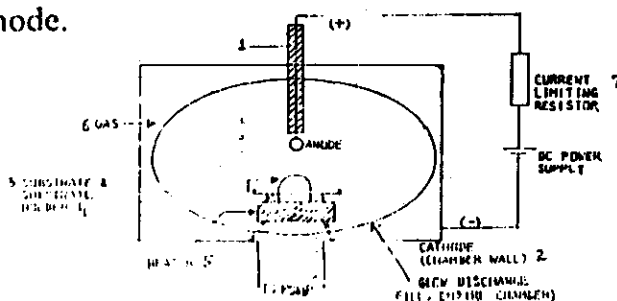
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS
RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

10 CLAIMS

An apparatus for thermochemical diffusion such as plasma nitriding of steel and titanium alloys using constricted anode plasma source comprising a partial vacuum chamber acting as cathode, having inlet means for the vacuum pumping system in the said vacuum chamber, an inlet for the gases inside the said partial vacuum chamber, constricted anode as herein described in the form of thin wire placed around the center of the said vacuum chamber acting as said cathode, having a effective surface area as compared to the cathode in the range of 1:100, a base for mounting the substrate, means for heating the said substrate placed below the said substrate holder, means for biasing the said substrate, means for supply of power connected to the said constricted anode and said cathode, and means for controlling the power supply to the said constricted anode.

Comp.specn.: 11 pages

Drawings - 1 - sheet.



IND. CL. : 50 E2 193447
 INT. CL. : F 25 B 31/00
 TITLE : A HERMETIC COMPRESSOR.
 APPLICANT : KIRLOSKAR COPELAND LIMITED, KARAD-DHEBEVADI
 ROAD, KARAD 415 110, MAHARASHTRA, INDIA. AN
 INDIAN COMPANY.
 INVENTOR : VINAYAK MADAN JUGE
 INTERNATIONAL : -----
 APPLICATION NO
 INDIAN : 685 BOM 1999 DATED 01.10.1999
 APPLICATION NO.

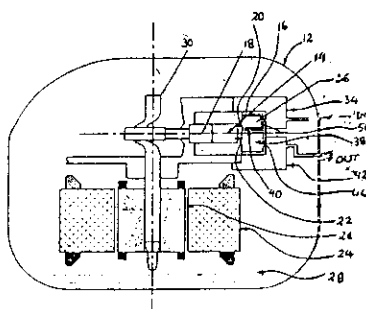
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,
 PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

05 CLAIMS

A hermetic compressor which comprises a closed casing, a compressing unit provided with a cylinder block having a cylinder formed with an opening and accommodated in said closed casing and a piston accommodated in said cylinder, the opening of said cylinder covered with a valve plate having a valve controlled suction port and discharge port, an electric motor for reciprocating the piston of said compressing unit, a suction muffler mounted in said closed casing for leading a cooling medium to the suction plenum in communication with the suction port; a discharge muffler in communication with the discharge port into which the cooling medium from the discharge port is led to be discharged outside of said closed casing, and a hollow annular cap formed of a material having a low heat conductivity as compared with that of said closed casing fitted within the suction plenum and contouring the inner side walls of the suction plenum for thermally insulating the cooling medium entering the suction plenum from the relatively hotter components of the compressor.

Comp. specn. 13 pages

tg



Drawings: 04 sheets

IND. CL. : 39 E 193448
INT. CL. : HO 1 L 21/20
TITLE : A CHEMICAL METHOD FOR PREPARATION OF Bi_2S_3 AND Sb_2S_3 THIN FILMS ON GLASS SUBSTRATES.
APPLICANT : DR. CHANDRAKANT DNYANDEV LOKHANDE & RAJARAM SAKHARAM MANE, DEPTT OF PHYSICS, SHIVAJI UNIVERSITY KOLHAPUR- 416 004 MAHARASHTRA INDIA BOTH ARE INDIAN NATIONALS
INVENTORS : IDEM
INTERNATIONAL APPLICATION NO :
INDIAN APPLICATION NO. :
APPLICATION NO. 267/BOM /1999 DATED 9.4.1999
PRIORITY NO. 9807269.7 Dt. 3.04.1998 of U.K.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

8 CLAIMS

A chemical method for deposition of different thickness, large area and nanocrystalline Bi_2S_3 and Sb_2S_3 thin films having electrical resistivity between 10_4 - 10^5 ohm-cm, on glass substrates from an aqueous acidic and alkaline media consist of 16-35 g/L solution of $\text{Bi}_2(\text{NO}_3)_3$ and 30-40 g/L solution of SbCl_3 as the cationic solutions, and 20-40 g/L solution of $\text{Na}_2\text{S}_2\text{O}_3$ and 24-50 g/L solution of CH_3CSNH_2 as the anionic solutions, respectively with preparative parameters such as pH between 1.5-9.5, time of immersion 30-40 sec. rinsing time 10-30 sec, temperature of vessel 27-50 - $^\circ\text{C}$ and number of immersions 30-60.

Complete Specification - 12

Drawing Sheets : NIL

IND. CL. : 39 N 193449
INT. CL. : H 01 L 21/00
TITLE : A PROCESS OF FORMING CHEMICALLY DEPOSITED
BISMUTH SELENIDE LAYERS.
APPLICANT : DR. CHANDRAKANT DNYANDEV LOKHANDE, READER,
& DEPARTMENT OF PHYSICS, SHIVAJI UNIVERSITY,
INVENTORS KOLHAPUR 416 004, & DR. RAJARAM SAKHARAM MANE,
MAHARASHTRA, INDIA. BOTH ARE THE INDIAN
NATIONALS
INTERNATIONAL : -----
APPLICATION NO
INDIAN : 265 BOM 1999 DATED 09.04.1999
APPLICATION NO.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,
PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

07 CLAIMS

A process of forming large area, nanocrystalline and adherent Bismuth Selenide layers of various thicknesses having electrical resistivity between 10^3 - 10^5 ohm-cm and optical band gap 0.7-0.8 eV, by mixing alkaline aqueous solutions of 20-70 g/L of $\text{Bi}_2(\text{NO}_3)_3$ and 16-30 g/L of Na_2SeSO_3 at different temperatures and dipping various substrates in it.

Comp.specn.: 09 pages

Drawings: NIL

tg

IND. CL. : 170 B 193450

INT. CL. : A 61 K- 7/48, 7/56
C 11 D- 3/22, 3/37

TITLE : AN AQUEOUS DETERGENT COMPOSITION

APPLICANT : HINDUSTAN LEVER LTD A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, 1913, AND HAVING ITS REGISTERED OFFICE AT HINDUSTAN LEVER HOUSE, 165/166 BACKBAY RECLAMATION MUMBAI 400 020 MAHARASHTRA, INDIA.

INVENTORS : 1. MICHAEL PAUL ARONSON
2. CHARLES RUPERT TELFORD BROWN
3. ROBERT JAMES CHATFIELD
4. PETER FAIRLEY
5. IAN TIMOTHY NORTON
6. JASON RICHARD WILLIAMS

INTERNATIONAL APPLICATION NO :
INDIAN APPLICATION NO. : 214/BOM /1999 DATED 24.3.1999
PRIORITY NO. 9807269.7 Dt. 3.04.1998 of U.K.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

11 CLAIMS

An aqueous detergent composition, which is in the form of a thickened, mobile fluid, shear gel comprising:

(a) a foaming detergent, wherein said detergent comprises a surfactant selected from the group consisting of anionic surfactants, amphoteric surfactants and zwitterionic surfactants and wherein at least 3% by wt. Of said composition comprises anionic surfactant;

(b) 5% to 90% by weight of a polyol material selected from the group consisting of glycerol; sorbitol; hexandiol; propan-1,2 diol; 1,3, butylenes glycol; propylene glycol; hexylene glycol; and polyethelene glycols and polypropylene glycols having molecular weights in the range 100 to 4000, and.

(c) 0.1 to 10% by weight of a polymer or polymer mixture which is capable of forming a reversible gel, wherein said polymer or polymer mixture is selected such that said polymer or polymer mixture is dissolved above its gel point and becomes mobile, and said polymer or mixture is then cooled below its gel point and under shear such that the polymer is present in the composition as a multiplicity of individual gel particles having a particle size of less than 200 micrometers; wherein said polymer or polymer mixture includes a polysaccharide chain of natural origin.

Complete Specification – 59

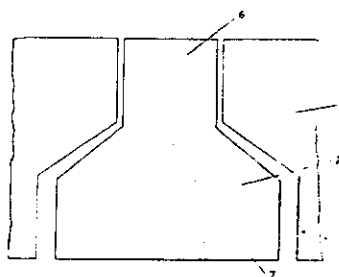
Drawing – 2 Sheets

Ind. Cl. : 136 C 193451
INT. CL. : 29 B - 007/48
TITLE : AN IMPROVED EXTRUDER DEVICE FOR BLOWN-FILM
EXTRUSION AND A PROCESS THEREOF.
APPLICANT & INVENTOR : ASHOK RAGHUVVEER SINGH KAMBOJ, AN INDIAN
NATIONAL OF FA-1, PUSHPAK APARTMENT, GODHRA
DAHOD-HIGHWAY, VAVDI BUGURG, GODHRA 389 001,
GUJARAT, INDIA.
INTERNATIONAL APPLICATION NO : -----
INDIAN APPLICATION NO. : 88 BOM 1999 DATED 02.02.1999

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,
PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

06 CLAIMS

An improved extruder device for blown-film extrusion, in particular a heavy duty linear low density polyethylene (LDPE) comprising a heatable extruder having a die (1) provided at the extrusion end for introduction and transmission of said LDPE by a moving screw there through, said melted LDPE being thereafter passed through a screen changer releasably mounted on said extruder zone, the improvement is characterized in that a punch (2) disposed within said die being provided to define a plurality of extrusion zones (3,4,5); diameters of said successively downward extrusion zones being correspondingly increased to establish a relationship of $A_1 \approx 4A_2$ wherein A_1 and A_2 representing effective areas of a die opening inlet and die opening outlet respectively.



Comp.specn. : 08 pages

Drawings: 02 sheets

Fig. 2

tg

Ind. Cl. : 62 D 193452

INT. CL. : B 32 B 3/10

TITLE : PROCESS FOR THE TREATMENT OF TEXTILE FABRICS

APPLICANT : HINDUSTAN LEVER LIMITED
HINDUSTAN LEVER HOUSE,
165-166 BACKBAY RECLAMATION,
MUMBAI – 400 020,
MAHARASHTRA, INDIA
AN INDIAN COMPANY

INVENTOR : 1) GOEDHART MACHIEL
2) JANSSENS JEAN-PAUL

INTERNATIONAL APPLICATION NO : -----

INDIAN APPLICATION NO. : 399 BOM 1999 DATED 26/05/1999

PRIORITY NO. : a) 9811633.8 DATED 29/05/1998 OF UNITED KINGDOM
b) 9909439.3 DATED 23/04/1999 OF UNITED KINGDOM

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,
PATENTS RULES 2001), PATENT OFFICE BRANCH, MUMBAI - 13.

24CLAIMS

1) A method for the treatment of textile fabrics for the prevention and removal of background greyness of white fabrics caused by sulphonated conjugated molecules or coloured clay type materials deposited by use of blueing agents, the method comprising a first step (i) in which the fabrics are treated with an acidic aqueous liquor and second step (ii) in which fabrics are treated with a bleaching aqueous liquor, wherein:

step (i) comprises allowing the fabrics to soak for at least 1 minute in a first aqueous liquor having a pH not exceeding 5.0 and comprising:

(i) (a) an effective amount of a material capable of converting deposited blueing agent to a colourless product and capable of binding Ca and Fe ions, the said material being selected from water-soluble solid organic carboxylic acids and water-soluble solid acid salts,

(i) (b) optionally a surfactant,

(i) (c) an oxidizing agent capable of masking and/or neutralizing sulphurous odours,

(i) (d) optionally a bleach stable and effective at a pH below 5.0, which is not the oxidizing agent (i) (c), and

step (ii) comprising allowing the fabric to soak for at least 1 minute in a second aqueous liquor comprising:

(ii) (a) a bleach and

(ii) (b) optionally a surfactant,

(ii) (c) optionally an alkaline buffering agent,

(ii) (d) optionally one or more builder and / or filler salts,

(ii) (e) optionally a sequestrant bleach stabilizer,

(ii) (f) optionally a fluorescer,

(ii) (g) optionally one or more detergent enzymes,

and the fabrics are subsequently rinsed in water,
wherein the method is carried out by hand.

COMPLETE SPECIFICATION : 33 PAGES

DRAWINGS: NIL

Ind. Cl. : 69 B **193453**
INT. CL. : H 02 H 3/02
TITLE : AN ELECTRONIC MULTIFUNCTION UNIT FOR
SUPERVISORY METERING, DATA LOGGING AND
ACQUISITION, AND WITH INBUILT REMOTE CONTROL
AND COMMUNICATION FACILITY FOR ELECTRICAL
POWER SYSTEM.
APPLICANT : SUJAY MANOHAR KULKARNI
MANOHAR PUNDALIK KULKARNI
D/7, DEBONAIR APARTMENT, ALMEIDA ROAD,
CHANDANWADI, THANE, PIN : 400 602
MAHARASHTRA, INDIA,
INVENTOR : SUJAY MANOHAR KULKARNI
INTERNATIONAL : ----
APPLICATION NO
INDIAN : 377 BOM 1999 DATED 19/05/1999
APPLICATION NO.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS
(RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

04 CLAIMS

- 1) An Electronics Multi function Unit for Supervisory Metering, Data logging and acquisition, and with inbuilt Remote Control, and communication facility, for electrical Power System,, comprising :
 - a) micro controller programmer loaded with Digital Signal Processing software required for calculating KWH/KVAR/Phase Angle/Load Impedance/Line Impedance fault locations frequency from recorded Current & Voltage data, for memorising Data inputted and enabling communication to transfer the data in external communication line on receipt of external command;
 - b) a command input device connected to the said controller for forming interface between operator and said operation;
 - c) an input signal sensing device assembly to receive four independent current inputs from external devices and converts to digital format electrically connected to the input of the said controller and to output sockets to ^{read} and calibrate the monitored currents quantity;
 - d) an interface device assembly connected to the said Controller for converting Command given by the said Controller for execution of connected external control device of system to be metered remotely controlled and protected and alarm to be generated.
 - e) a system supply voltages sensing device having continuously monitoring values and converting it to suitable scaled down version for connecting to main micro-controller circuitry and monitoring external supply variations and providing stable power to controller circuitry;
 - f) an interface sensing device to sense the status of the controlling switchgear of system to be protected, connected to the said controller;
 - g) a socket provided to internal to internal communication port of said controller for remote control operation and;
 - h) an alpha numeric display panel connected to the device to read the data locally.

COMPLETE SPECIFICATION : 11 PAGES

DRAWINGS: 02 SHEETS

IND. CL. : 55 E 193454

INT. CL. : A 61 K 39/04
G 01 N 33/531

TITLE : A METHOD FOR PRODUCING ANTIGEN SOLUTION FOR
USE IN TUBERCULOSIS DIAGNOSTIC KIT

APPLICANT : LUPIN LABORATORIES LTD.,
159, CST ROAD, KALINA,
SANTACRUZ (E.), MUMBAI – 400 098
STATE OF MAHARASHTRA, INDIA,
AN INDIAN COMPANY

INVENTOR : 1) SINGH RUPINDER
2) TIWARI R. P.
3) KANAUIA G. V.

INTERNATIONAL APPLICATION NO : _____

INDIAN APPLICATION NO. : 869 BOM 1999 DATED 29.11.1999

PRIORITY NO. : _____

**APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,
PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.**

13 CLAIMS

1) A method for producing antigen solution for use in tuberculosis diagnostic kit comprising;
growing *M. tuberculosis* wild strain following conventional methods;
incubating a portion of said growth in Sauton's medium at 32 to 40°C preferably 37°C for 30 to 45 day till late log phase;
collecting the mycobacterial growth and dissolving the pellets there from in a solvent;
inactivating the bacteria at 75°C to 85°C preferably 80°C for a period of 30 to 60 minutes followed by sonication for the period of 1 to 2 hrs;
lyophilizing the sonicated extract to free it of moisture;
extracting the sonicated material with an extracting solvent and filtering followed by deproteinisation of the filtrate;

separating from the suspension a lower organic phase and washing and allowed to stand at 2 to 6°C for a period of 8 hrs to 48 hrs;
filtering the lower organic phase and removing the solvent from filtrate to yield dry lipid extract;
removing the neutral lipids from said dried mixture followed by filtration until the lipids become whitish or colourless followed by filtration;
purifying the lipids thus obtained to provide the antigen.

COMPLETE SPECIFICATION : 21 PAGES

DRAWINGS: 01 SHEETS

IND. CL. : MISC 193455

INT. CL. : A 23 L 1/303

TITLE : PROCESS FOR MANUFACTURING OF FORTIFIED FOOD COMPONENT

APPLICANT : HINDUSTAN LEVER LIMITED
HINDUSTAN LEVER HOUSE,
165/166, BACKBAY RECLAMATION,
MUMBAI – 400 020,
MAHARASHTRA, INDIA
AN INDIAN COMPANY

INVENTOR : 1) PRAMANIK AMITAVA
2) KULKARNI MANMOHAN SADGURU

INTERNATIONAL APPLICATION NO : -----

INDIAN APPLICATION NO : 616 BOM 1999 DATED 06/09/1999

COMPLETE AFTER PROVISIONAL SPECIFICATION FILED ON 05.09.2000

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

17 CLAIMS

- 1) A process for manufacturing of fortified food component comprising:
- i. treating with at least one mineral acid and/or calcining layered double hydroxides at a temperature range of 300 to 700 °C;
 - ii. essentially mixing the treated layered double hydroxide of step (i) atleast once with solution of a food component, such that the ratio of the food component said treated layered double hydroxide of step (i) is 3 to 450%, when the step (i) is carried out in the absence of any food component.

PROVISIONAL SPECIFICATION : 08 PAGES
COMPLETE SPECIFICATION : 13 PAGES

DRAWINGS: NIL
DRAWINGS: NIL

IND. CL. : 62 D, 34 A + B 193456

INT. CL. : C 08 J 5/18
D 21 C 3/02

TITLE : A PROCESS FOR THE PRODUCTION OF REGENERATED
CELLULOSIC FIBRE OR FILAMENTS

APPLICANT : BIRLA RESEARCH INSTITUTE FOR APPLIED SCIENCES,
BIRLAGRAM – 456331, NAGDA,
MADHYA PRADESH, INDIA,
AN INDIAN INSTITUTE

INVENTOR : 1) ADITYA NARAIN SHRIVASTAVA
2) BRIJ BHUSHAN KOUTU
3) BASANTI LAL KOTHARI

INTERNATIONAL APPLICATION NO : -----

INDIAN APPLICATION NO. : 350 BOM 1999 DATED 10/05/1999

PRIORITY NO. : -----

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,
PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

06 CLAIMS

1) A process for the production of regenerated cellulose fibres or filaments which comprises the steps of extruding the viscose consisting of 6 – 11.5% cellulose, 3.6 – 7.2%, Sodium hydroxide and having a high ripening Index (R.I) of 11 – 18°H in a zinc free spin bath containing 3 – 26 g/l Aluminium Sulphate, 80 – 150 g/l Sulphuric Acid and 275 – 375 g/l Sodium Sulphate at a temperature of 35 – 60°C, regenerating the filaments in an acidic bath, desulphurizing and belaching the filaments/fibres in a known manner.

COMPLETE SPECIFICATION : 12 PAGES

DRAWINGS: NIL

IND. CL. : 126 A **193457**

INT. CL. : G 01 M 3/26, 3/28

TITLE : A DEVICE FOR DETECTING LEAKS IN TUBES

APPLICANT : DEPARTMENT OF ATOMIC ENERGY
ANUSHAKTI BHAVAN,
CHATRAPATI SHIVAJI MAHARAJ MARG,
MUMBAI - 400 039, INDIA
(A GOVERNMENT OF INDIA BODY)

INVENTOR : 1) P KALYANASUNDARAM
2) Y RAMASESHU
3) BALDEV RAJ

INTERNATIONAL APPLICATION NO : -----

INDIAN APPLICATION NO. : 556 BOM 1999 DATED 10/08/1999

PRIORITY NO. : -----

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH II, MUMBAI - 13.

07 CLAIMS

1) A device for detecting leaks in tubes, comprising an acoustic transmitter (AT) connected to a resonant frequency source (RF) and an acoustic receiver (AR) connected to a digital converter amplifier (PA), a signal processing unit (SPA) and a display unit (DU/PC), the said device also having a pressure chamber (C) for applying pressure around the tube to be tested.

COMPLETE SPECIFICATION : 07 PAGES

DRAWINGS: 02 SHEETS

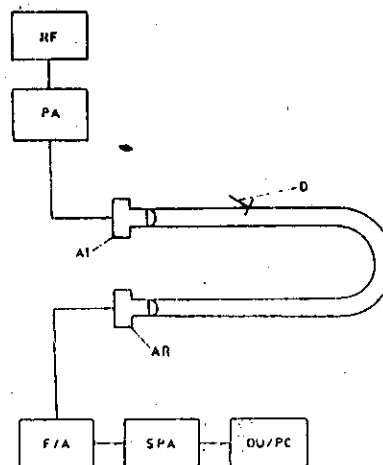


FIG. 1

IND. CL. : 162, 126 D **193458**

INT. CL. : G 01 N 27/90, 27/87

TITLE : A SPLIT COIL PROBE FOR STEEL WIRE ROPE TESTING.

APPLICANT : DEPARTMENT OF ATOMIC ENERGY
ANUSHAKTI BHAVAN, CHATRAPATI
SHIVAJI MAHARAJ MARG,
MUMBAI - 400 039, INDIA,
A GOVERNMENT OF INDIA BODY

INVENTOR : 1) P. KALYANASUNDARAM
2) R RAMAKRISHNAN
3) S KUMARESAN

INTERNATIONAL APPLICATION NO : -----

INDIAN APPLICATION NO. : 557 BOM 1999 DATED 10/08/1999

PRIORITY NO. : -----

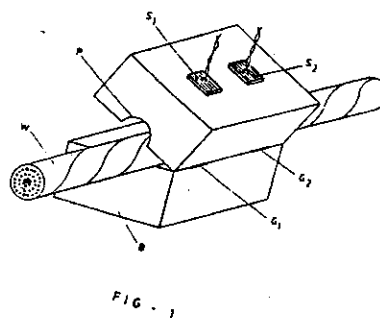
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,
PATENTS RULES 2003), PATENT OFFICE BRANCH II, MUMBAI - 13.

04 CLAIMS

1) A split coil probe for steel wire rope testing comprising a hinged housing (H) provided with a passage (P) for the wire rope (W) to be tested, said housing having at least two sensing coils (S_1 , S_2), spacedly disposed thereon, each sensing coil (SC_1 , SC_2 , SC_3 and SC_4) being differentially wound from the other to establish a flux (F_1 , F_2) therebetween, the flux being perpendicular to the said passage and the wire rope to be tested, the said sensing coils being differentially connected to a conventional eddy current equipment.

COMPLETE SPECIFICATION : 07 PAGES

DRAWINGS: 02 SHEETS



IND. CL. : 146 [XXXVIII(2)] 193459
INT. CL. : G 01 N 22/04
TITLE : AN INSTRUMENT FOR MEASUREMENT OF MOISTURE
CONTENT OF AN ARTICLE.
APPLICANT : NATIONAL RESEARCH DEVELOPMENT CORPORATION,
A GOVT. OF INDIA ENTERPRISE, ANUSANDHAN VIKAS,
20-22, ZAMROODPUR COMMUNITY CENTRE, KAILASH
COLONY EXTN. NEW DELHI 110 048, INDIA.
INVENTORS 1. DR. KALPANA KESHAV JOSHI
2. DR. ROHINI CHANDRASHEKHAR AIYER
3. DR. RAVI NARHAR KAREKAR
4. MAHESH PANDUNRANG ABEGAONKAR
INTERNATIONAL : -----
APPLICATION NO
INDIAN : 350 BOM 1997 DATED 09.06.1997
APPLICATION NO.
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,
PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

02 CLAIMS

An instrument for measurement of moisture content of an article selected from the group consisting essentially of grains, pulverized samples, fruits, nuts, dry fruits and industrial and food products comprising

A microwave sweep oscillator.

A microstrip resonator receiving signal from the microwave sweep oscillator.

A holder for holding the article wherein the article under test is placed over the substrate of the resonator; covering the resonator and providing orientation to the article under test in the desired direction. A detector receiving transmitted as well as reflected signal from the resonator.

Wherein the moisture content of the article is determined by the change in frequency of resonance and Q factor of the resonator wherein the moisture content of the article is determined by the change in effective permittivity of the cross section of microstrip by formula

$$f_0^2 / f_s^2 = E_{effs} / E_{eff0}$$

and wherein the change in effective permittivity is calibrated against moisture with electromagnetic software.

Where

f_0 represents resonant frequency of the resonator without article under test.

f_s represents resonant frequency of the resonator with article under test.

Ind. Cl. : 61 H 193460
INT. CL. : A 23 F -3/ 00
TITLE : A PROCESS FOR PREPARATION OF GRANULATED TEA.
APPLICANT : HINDUSTAN LEVER LIMITED, HINDUSTAN LEVER HOUSE,
165/166 BACKBAY RECLAMATION, MUMBAI 400 020,
MAHARASHTRAM INDIA. AN INDIAN COMPANY
INVENTORS : 1. PRAKASH DATTATRAYA VIRKAR
2. NARAYANA PILLAI JANARDHAN
INTERNATIONAL APPLICATION NO : -----
INDIAN APPLICATION NO. : 62 BOM 1999 DATED 28.01.1999
COMP. SPECN. FILED AFTER PROV. SPECN. NO 27.01.2000.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,
PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

08 CLAIMS

A. process for the preparation of granulated tea comprising:

- i. mixing dust tea of particle size 0.1-1.0 mm preferably 0.1-0.5 mm with macerated green tea leaf;
- ii. adjusting the moisture level 50-80%
- iii. compacting, granulating and spheronising the wet mass; and
- iv. drying of wet granules to a moisture level 2-15%.

Prov.specn. : 10 pages
Comp.specn : 11 pages

Drawings: Nil
Drawings: Nil

tg

IND. CL. : 13 A 193461

INT. CL. : D 03 1/4

TITLE : AN IMPROVED SACK FOR STORING AND
TRANSPORTATION OF GRAIN, TYPICALLY CEREAL GRAIN

APPLICANT : UNITED RICELAND LIMITED
411, JOLLY BHAWAN NO.2,
7 NEW MARINE LINES,
MUMBAI - 400 020,
MAHARASHTRA, INDIA
AN INDIAN COMPANY

INVENTOR : 1) PANKAJ NATHWANI

INTERNATIONAL : -----
APPLICATION NO

INDIAN : 685 MUM 2000 DATED 21/07/2000
APPLICATION NO.

PRIORITY NO. : -----

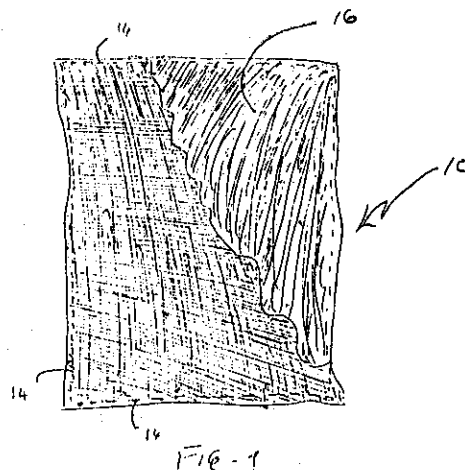
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,
PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

02 CLAIMS

1) An improved sack for storing and transportation of grain, typically cereal grain comprising an outer flexible wall of woven jute formed by stitching the two sides and one end of a jute sheets cut to predetermined length to form a closed end and a mouth end of the sack and an inner flexible liner of woven cotton cloth having pores, of dimensions smaller than the dimensions of the grain desired to be stored and transported in the sacks, said liner being stitched at the operative closed end and sides and stitched to the side walls at the mouth end of the walls.

COMPLETE SPECIFICATION : 07 PAGES

DRAWINGS: 01 SHEETS



IND. CL. : 126 C 193462

INT. CL. : G 01 N 3/46

TITLE : APPARATUS FOR MEASURING MAR-RESISTANCE OF A TEST SAMPLE AND METHOD THEREOF

APPLICANT : E. I. DU PONT DE NEMOURS AND COMPANY,
A DELAWARE CORPORATION,
1007 MARKET STREET, WILMINGTON,
DELAWARE 19898,
UNITED STATES OF AMERICA

INVENTOR : LI LIN

INTERNATIONAL APPLICATION NO : PCT/US99/05226 DATED 10/03/1999

INDIAN APPLICATION NO. : IN/PCT/2000/00256/MUM DATED 03/08/2000

PRIORITY NOS. : 60/077,518 DATED 11/03/1998 OF U.S.A

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS
(RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH II, MUMBAI - 13.

23 CLAIMS

- 1) An apparatus (1) for measuring mar resistance of test sample (56) comprising :
- means for indenter guiding (6), said means being mounted on a post (4) of said apparatus (1) comprise:
 - means for indenter driving (7) having a n indenter (32) positioned therein, and means for sensing travel (9) of said indenter towards and away from the surface of said test sample; and
 - means for directing test sample (8), said means being positioned on a base (2) of said apparatus comprise:
 - holder means (13) to secure said test sample (56) thereon with the surface of said test sample (56) in perpendicular relationship with said indenter (32), and staging means (11) for traversing said test sample in a direction tangential to said indenter, such that when a tip of said indenter (32) is simultaneously driven into said test sample (56), a search is produced on the surface of said test sample.

COMPLETE SPECIFICATION : 16 PAGES

DRAWINGS: 11 SHEETS

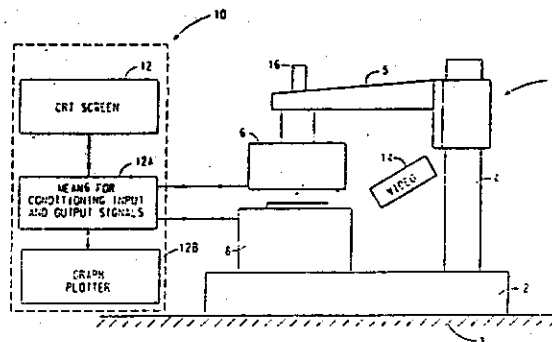


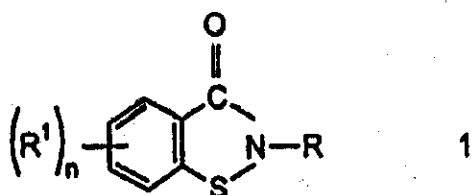
FIG. 3

IND. CL. : 55 E 193463
INT. CL. : A 01 N 43/80, 55/02
TITLE : A COMPOSITION
APPLICANT : AVECIA LIMITED,
HEXAGON HOUSE, BLACKLEY,
MANCHESTER M9, 8ZS,
UNITED KINGDOM
INVENTOR : 1) COLIN BATH
2) PAULA LOUISE MCGEECHAN
3) JOHN DAVID PAYNE
INTERNATIONAL APPLICATION NO : PCT/GB99/01579 DATED 18/05/1999
INDIAN APPLICATION NO. : IN/PCT/2000/00728/MUM DATED 13/12/2000
PRIORITY NO. : 9813271.5 DATED 19/06/1998 OF UNITED KINGDOM

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,
PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

17 CLAIMS

- 1) A composition comprising
(a) a benzisothiazolinone of formula 1:



wherein

R1 is hydroxy, halogen C1-4-alkyl or C1-4-alkoxy;

R is C1-5alkyl, C3-5-cycloalkyl or aralkyl; and

N is from 0 to 4; and

- (b) a metal complex of a cyclic thiohydroxamic acid;
wherein the ratio of component (a) to component (b) is from 100:1 to 1:100; and
- (c) optional conventional components such as herein described.

COMPLETE SPECIFICATION : 17 PAGES

DRAWINGS: NIL

NOTIFICATION

PART III—SEC. 2]

THE GAZETTE OF INDIA, JULY 17, 2004 (ASADHA 26, 1926)

5539

IND. CL. : 32F2A 193464
INT. CL. : A61K 38/06
TITLE : PROCESS FOR THE PREPARATION OF ANHYDROUS OR
HYDRATED FORM OF 1S [1 α .PIIA (2S*, 3R*), 9 ALPHA] 6, 10-
DIOXO-N-(2-ETHOXY-5-OXO-TETRAHYDRO-3-
FURANYL)-9[[1-ISOQUINOLYL) CARBONYL]AMINO]
OCTAHYDRO-6H-PIRIDAZINO[1, 2-A][1,2] DIAZEPIN-
1-CARBOXAMIDE
APPLICANT : HOECHST MARION ROUSSEL,
A FRENCH CO. OF 1,
TERRASSE BELLINI,
F – 92800, PUTEAUX,
FRANCE
INVENTOR : 1) JEAN-YVES GODARD
2) VALERIE ROGNON
INTERNATIONAL : PCT/FR99/00799 DATED 07/04/1999
APPLICATION NO
INDIAN : IN/PCT/2000/00456/MUM DATED 29/09/2000
APPLICATION NO.
PRIORITY NO. : 98/04367 DATED 08/04/1998 OF FRANCE

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS
(RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

06 CLAIMS

1) Process for the preparation of anhydrous or hydrated form of 1S-[1 α . (2S*, 3R*), 9 α] 6, 10-dioxo-N-(2-ethoxy-5-oxo-tetrahydro-3-furanyl)-9[[1-isoquinolyl) carbonyl] amino] octahydro-6H-pyridazino[1,2-a][1,2] diazepin-1-carboxamide characterized in that amorphous 1S [1 α . (2S*, 3R*), 9 α] 6, 10-dioxo-N-(2-ethoxy-5-oxo-tetrahydro-3-furanyl)-9[[1-isoquinolyl) carbonyl] amino] octahydro-6H-pyridazino[1,2-a][1,2] diazepin-1-carboxamide is mixed in an appropriate organic solvent or in a mixture of these solvents, in particular at ambient temperature, and after crystallization the expected anhydrous or hydrated form is obtained.

COMPLETE SPECIFICATION : 12 PAGES

DRAWINGS: 06 SHEETS

IND. CL. : 168 C 193465
INT. CL. : H 04 B 1/707
TITLE : A SYSTEM FOR ESTIMATING DELAYS OF PATHS IN A MULTIPATH CHANNEL
APPLICANT : ERICSSON INC.
 7001 DEVELOPMENT DRIVE,
 RESEARCH TRIANGLE PARK,
 NORTH CAROLINA, 27709,
 UNITED STATES OF AMERICA

INVENTOR : 1) ESSAM SOUROUR
 2) GREG BOTTOMLEY
 3) RAJARAM RAMESH
 4) SANDEEP CHENNAKESHU

INTERNATIONAL APPLICATION NO : PCT/US99/00372 DATED 12/01/1999
INDIAN APPLICATION NO. : IN/PCT/2000/00136/MUM DATED 29/06/2000

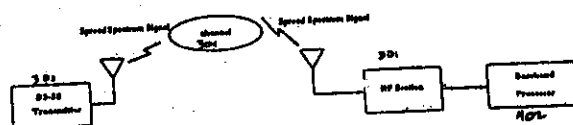
PRIORITY NO. : 09/005,580 DATED 12/01/1998 OF U. S. A.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

05 CLAIMS

1) A system for estimating delays of paths in a multipath channel, comprising:
 correlation values generating means for generating correlation values corresponding to a plurality of delay values; and
 delay estimates generating means, connectable to said correlation values generating means, for generating delay estimates for paths of the multipath channel based on the generated correlation values,
 wherein the said delay estimates generating means comprises:
 means for producing a set of delay estimates;
 means for processing the correlation values, connectable to said means for producing a set of delay estimates, by modifying the correlation values in accordance with the set of delay estimates to produce processed correlation values; and
 means for refining the delay estimates, connectable to said means for processing the correlation values, using the processed correlation values.

COMPLETE SPECIFICATION : 26 PAGES



DRAWINGS: 13 SHEETS

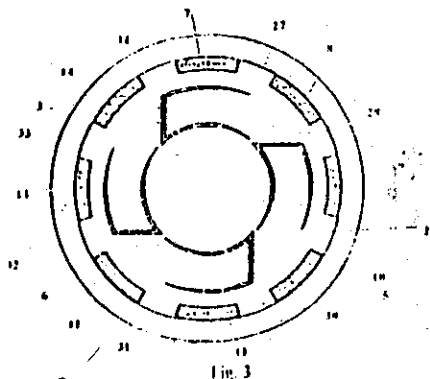
Fig. 3

IND. CL. : 179 F 193466
INT. CL. : B 65 D 055/ 02
TITLE : A NOVEL CHILD SAFETY BOTTLE CAP
APPLICANT : SKYMAX LABORATORIES PVT.LTD, G-1445/46, GIDC
LODHKA INDUSTRIAL ESTATE, PHASE-2, KALAVAD
ROAD, MATODA 360 035. DIST.RAJKOT, GUJARAT, INDIA.
INVENTOR : UTTAM RASIKLAL JAVIA
INTERNATIONAL : -----
APPLICATION NO
INDIAN : 158 MUM 2002 DATED 20.02.2002
APPLICATION NO.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,
PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

02 CLAIMS

Novel child safety bottle cap consisting two different parts viz., outer cap and inner cap inner cap is inserted into outer cap with freely rotatable. The inner side of the said cap having four fixer provided at center portion to the said top member and eight segmental support at distant provided at edge portion of the said circular top member. The outer side of the said cap having four cavities matching with the said fixer adapted to get engage when pressed and also having eight support to engage with the gap between the said support of outer cap, arrangement in such a way that four fixer of outer cap entrapped in four cavities of inner cap in closed position; and four fixer of outer cap are free from four cavities of inner cap in unclosed position; and eight grooves of inner cap entrapped in the space between each supporters of the outer cap in closed position; and eight grooves of inner cap free from the eight supporters of the outer cap in unclosed position.



Comp.specn. 8 pages

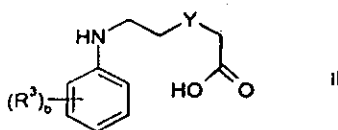
Drawings: 09 sheets

IND. CL. : 32F B **193467**
 INT. CL. : C07D 515/00
 TITLE : A PROCESS FOR PREPARING A COMPOUND USEFUL AS AN
 INTERMEDIATE FOR PREPARING CYCLIC THIOAMIDES
 APPLICANT : PFIZER PRODUCTS INC.
 EASTERN POINT ROAD,
 GROTON, CONNECTICUT 06340, U.S.A
 INVENTOR : 1) GEORGE JOSEPH QUALLICH
 2) JEFFREY WILLIAM RAGGON
 3) PAUN DAVID HILL
 INTERNATIONAL APPLICATION NO : ----
 INDIAN APPLICATION NO. : 50 MUM 2002 DATED 21/01/2002
 DIVISIONAL TO : 273 MUM 2000 DATED 27/03/2000
 PRIORITY NO. : 60/126,831 DATED 30/03/1999 OF U.S.A.

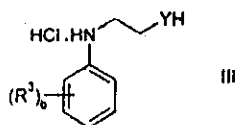
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

04CLAIMS

- 1) A process for preparing a compound of formula II useful as an intermediate for preparing cyclic thioamides,



Wherein b is 0, 1, 2, or 3; Y is oxygen, sulfur, NH or N-acetyl and each R³ is independently selected from the group consisting of halo, cyano, (C₁-C₆) alkyl, (C₁-C₆) alkoxy and trifluoromethyl; comprising reacting a compound of the formula III



Wherein b, Y and R³ have the same meaning as above

with haloacetic acid in the presence of a base.

COMPLETE SPECIFICATION : 25PAGES

DRAWINGS: NIL SHEETS

IND. CL. : 5 D 193468

INT. CL. : A 01 B 33/00

TITLE : A ROTARY TILLING DEVICE

APPLICANT : SUDHIR VASANT MEHTA,
KADAM BUILDING,
NEAR DURGA THEATRE,
BARAMATI 413 102,
MAHARASHTRA, INDIA,
AN INDIAN NATIONAL.

INVENTOR : IDEM

INTERNATIONAL : ----
APPLICATION NO

INDIAN : 61 MUM 2002 DATED 23/01/2002
APPLICATION NO.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS
(RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

05 CLAIMS

1) A rotary tilling device capable of being fitted to a underframe at the back side of a tractor consisting of a mounting frame for rigidly attaching the device to a tractor, a back to back universal joint for coupling a transmission shaft of the device to the power take off shaft of the tractor, a rotatable tilling shaft on which are mounted a plurality of tilling tines, transmission means for transmitting power from the transmission shaft to the tilling shaft; swinging means for permitting the tilling shaft to be displaced angularly with respect to the transmission shaft.

COMPLETE SPECIFICATION : 10 PAGES

DRAWINGS : 03/SHEETS

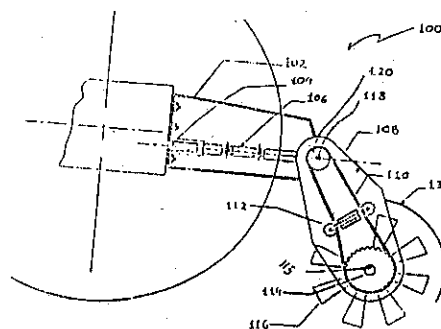


FIGURE - 2

IND. CL. : 5 D 193469
INT. CL. : A 01 B 37/00
TITLE : SHAFT DRIVEN TIMING SYSTEM FOR INTERNAL COMBUSTION ENGINES
APPLICANT : VALIKARIMWALA
ASGARI ONALI, TAHERI HOUSE,
NEAR BURHANI MASJID,
VOHARWAD-GODHRA-389001,
GUJARAT, INDIA
INVENTOR : IDEM
INTERNATIONAL : -----
APPLICATION NO
INDIAN : 928 MUM 2001 DATED 26.09.2001
APPLICATION NO.

COMPLETE AFTER PROVISIONAL SPECIFICATION FILED ON 16.08.2002

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,
PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

03 CLAIMS

1) An internal combustion engine comprising one or more cylinders and pistons operatively connected to crank shaft and a cam shaft to operate the inlet and exhaust valves of the engine characterised in that the crank shaft gear and camshaft gear are directly connected with a shaft via level gears so that the rotation needed to operate the valves are directly transmitted from the crank shaft.

PROVISIONAL SPECIFICATION : 03 PAGES
COMPLETE SPECIFICATION : 06 PAGES

DRAWINGS: 01 SHEETS
DRAWINGS: 01 SHEETS

IND. CL. : 107 G 193470

INT. CL. : F 25 B 1/02

TITLE : AN IMPROVED VALVE LEAF OF A SUCTION MUFFLER FOR
A HERMETICALLY SEALED COMPRESSOR

APPLICANT : KIRLOSKAR COPELAND LIMITED
1202/1, GHOLE ROAD,
PUNE 411 005,
MAHARASHTRA, INDIA,
AN INDIAN COMPANY.

INVENTOR : SENTHIL NATHAN JAGANATHAN

INTERNATIONAL : ———
APPLICATION NO

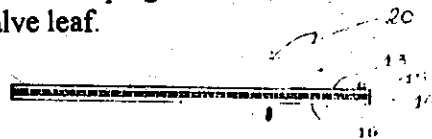
INDIAN : 163 MUM 2001 DATED 13/02/2001
APPLICATION NO.

**COMPLETE SPECIFICATION AFTER PROVISIONAL SPECIFICATION
FILED ON 11/04/2002**

**APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS
(RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.**

03 CLAIMS

- 1) An improved valve leaf of a suction muffler for a hermetically sealed compressor comprising a composite body having three layers, being one layer of damping material such as brass or copper sandwiched between two steel plates to form the valve leaf.



PROVISIONAL SPECIFICATION : 06 PAGES
COMPLETE SPECIFICATION : 08 PAGES

DRAWINGS : 02 SHEETS
DRAWINGS : 02 SHEETS

NOTIFICATION

5546

THE GAZETTE OF INDIA, JULY 17, 2004 (ASADHA 26, 1926)

[PART III—SEC. 2

IND. CL. : 128 E 193471
INT. CL. : A 61 B 5/04
TITLE : ELECTROCARDIOGRAM RECORDING DEVICE
APPLICANT : SANIMAT DIFFUSION S.A.
10, RUE CHAPTAL, 75009,
PARIS, FRANCE,
A FRENCH COMPANY.
INVENTOR : 1. SCALIST GERARD
2. DANTENY ALAIN
3. PILLOY ALAIN
INTERNATIONAL APPLICATION NO : PCT/FR99/00157 DATED 27/01/1999
INDIAN APPLICATION NO. : IN/PCT/2000/00207/MUM DATED 21/07/2000
PRIORITY NOS. : 98/00919 DATED 28/01/1998 OF FRANCE

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS
(RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

18 CLAIMS

- 1) A device for recording an electrocardiogram including a portable housing and means for acquiring, processing and storing electrical signals delivered by electrodes positioned so that they may be applied on the patient's thorax, characterized in that said housing had a first series of three metal electrodes (4,5,6) positioned so that they may be applied on the patient's thorax, for acquiring three precordial signals and a second series of two metal electrodes (7,8) positioned so that the fingers may be applied thereon, for acquiring two peripheral signals, as well as a skin electrodes for acquiring a third peripheral signal, connected to the housing by a connecting cable.

COMPLETE SPECIFICATION : 19 PAGES

DRAWINGS: 05 SHEETS

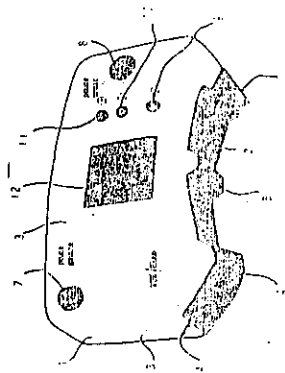


Fig. 1

IND. CL. : 139 E 193472

INT. CL. : C 07 C 93/04

TITLE : STABILISED COMPOSITION OF QUATERNARY AMMONIUM MATERIAL AND ITS PROCESS OF MANUFACTURE

APPLICANT : HINDUSTAN LEVER LIMITED, HINDUSTAN LEVER HOUSE, 165/166 BACKBAY RECLAMATION, MUMBAI 400 020, MAHARASHTRA, INDIA. AN INDIAN COMPANY.

INVENTORS : 1. DAVID WILLIAM THORNTHWAITE
2. CHRISTOPHER WHALEY

INTERNATIONAL APPLICATION NO : -----

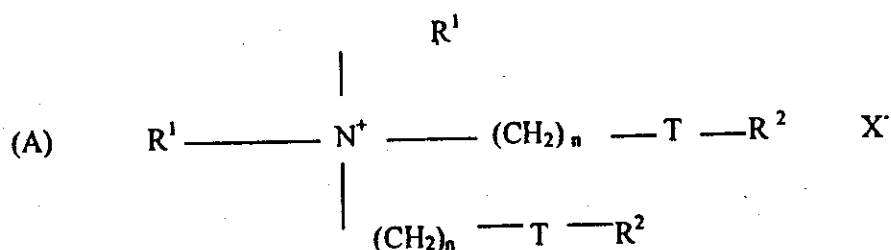
INDIAN APPLICATION NO : 364 BOM 1999 DATED 14.05.1999

PRIORITY NO. : 9810655.2 DATED 18.05.1998 OF U.K.

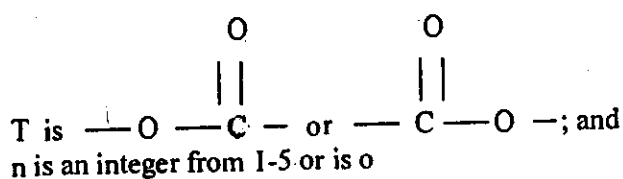
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

04 CLAIMS

Stabilised compositions comprising (i) quaternary ammonium material represented by the formula:



wherein each R^1 group is independently selected from C_{1-4} alkyl, hydroxyalkyl or C_{2-4} alkenyl groups; and wherein each R^2 group is independently selected from C_{8-28} alkyl or alkenyl groups; X^- is any suitable counter-ion.



and (ii) one or more stabilizing agent(s) wherein the one or more stabilizing agents are strong hydrogen bond donors and are present at levels of 0.05 to 10% of the weight of the quaternary ammonium material, preferably 0.5 to 6.0%, even more preferably 0.5 to 4%, with the proviso that the composition is in a liquid, molten, semi-solid or solid form containing less than 10% by weight water.

Comp.specn. 16 pages

Drawings: Nil

tg

IND. CL. : 70 A 193473

INT. CL. : C 25 C 7/06

TITLE : TRANSVERSE CONVEYOR FOR ELECTRODES

APPLICANT : OUTOKUMPU OYJ,
RIIHITONTUNTIE 7,
FIN-02200 ESPOO
FINLAND,
A FINNISH PUBLIC LIMITED COMPANY

INVENTOR : MARTTILA TOM

INTERNATIONAL APPLICATION NO : PCT/FI99/00804 DATED 30/09/1999

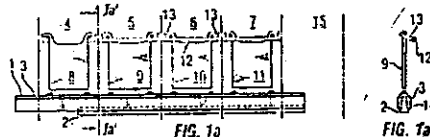
INDIAN APPLICATION NO. : IN/PCT/2001/00283/MUM DATED 13/03/2001

PRIORITY NO. : 982104 DATED 30/09/1998 OF FINLAND

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

09 CLAIMS

- 1) A transverse conveyor for electrodes used in the production of metals comprising a transfer device located below the electrodes to be transferred, the transfer device moving back and forth on a horizontal plane, transverse to a longitudinal axis of each electrode; and
lifters of lifting a pre-selected number of the electrodes off of the transfer bar at a first position, and for returning the pre-selected number of electrodes to the transfer bar at a second position, the second position offset a pre-selected distance along the horizontal plane from the first position.



COMPLETE SPECIFICATION : 08 PAGES

DRAWINGS: 02 SHEETS

IND. CL. : 1076 193474

INT. CL. : F 04 B 39/00

TITLE : SUCTION MUFFLER FOR A HERMETICALLY SEALED COMPRESSOR

APPLICANT : KIRLOSKAR COPELAND LIMITED
1202/1, GHOLE ROAD,
PUNE 411 005,
MAHARASHTRA, INDIA,
AN INDIAN COMPANY.

INVENTOR : PRASHANT PRALHAD DESHPANDE

INTERNATIONAL APPLICATION NO : ----

INDIAN APPLICATION NO : 688 MUM 2001 DATED 17/07/2001

APPLICATION NO.

COMPLETE SPECIFICATION AFTER PROVISIONAL SPECIFICATION
FILED ON 15/01/2002

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS
(RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

08 CLAIMS

1) A suction muffler for a hermetically sealed compressor for transmitting refrigerant fluid to the pump assembly consisting of a perforated inner tube mounted spaced apart and sealed within a dead end outer tube said outer tube having at least one descender tube leading into the pump assembly of the compressor

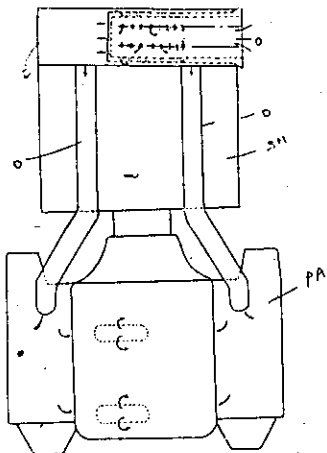


FIGURE - 2

PROVISIONAL SPECIFICATION : 08 PAGES
COMPLETE SPECIFICATION : 12 PAGES

DRAWINGS : 03 SHEETS
DRAWINGS : 07 SHEETS

IND. CL. : 107G **193475**

INT. CL. : F25B 31/02

TITLE : A CONNECTOR FOR LEADING SUCTION GAS FROM THE
SUCTION TUBE TO THE CRANKCASE OF A COMPRESSOR

APPLICANT : KIRLOSKAR COPELAND LTD.,
1202/1 GHOLE ROAD,
PUNE 411 005,
MAHARASHTRA, INDIA,
AN INDIAN CO.

INVENTOR : BHALACHANDRA GANPATRAO KALE

INTERNATIONAL : ----
APPLICATION NO

INDIAN : 165 MUM 2001 DATED 13/02/2001
APPLICATION NO.

PRIORITY NO. : ----

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS
RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

04 CLAIMS

1) A connector, for leading suction gas from the suction tube to the crankcase of a compressor, having a body of a closed coiled flexible spring adapted to fit between the end of the suction tube and in a hole in the crankcase.

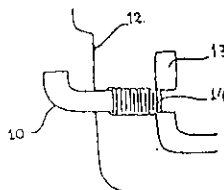


FIGURE -1

PROV. SPECN. 05 PAGES DRAW. 01 SHEET
COMPLETE SPECIFICATION : 07 PAGES

DRAWINGS: 01 SHEETS

IND. CL. : 50 E 193476

INT. CL. : F 25 B 1/00

TITLE : A PORTABLE CHILLER UNIT

APPLICANT & INVENTORS : SHIVPRASAD KALLURAYA, FALT NO. 14, BUILDING F2, GIRIJA SHANKAR VIHAR, KARVE NAGAR, PUNE 411 052, MAHARASHTRA, INDIA, AN INDIAN NATIONAL.

INTERNATIONAL APPLICATION NO : -----

INDIAN APPLICATION NO. : 1089 MUM 2001 DATED 15.11.2001
Complete specification filed after provisional specification on: 24.10.2002

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH II, MUMBAI - 13.

12 CLAIMS

A portable chiller unit consisting of at least one exposed evaporator immersible in at least one liquid containing vessel, said evaporator having inlet and outlet means and means to couple the said inlet and outlet means to a condenser unit and an expansion device, a compressor housed in an enclosure in an operative configuration when the contents of the vessel are required to be cooled.

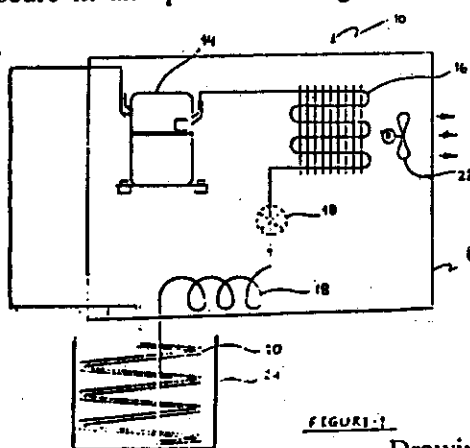


FIGURE 1

Prov. Specn. 05 pages
Comp. Specn. 11 pages

Drawings: 02 sheets
Drawings: 02 sheets

tg

IND. CL. : 32 C, 55E 193477

INT. CL. : A 61 K 31/17

TITLE : A PROCESS FOR THE PREPARATION OF ARYL UREAS

APPLICANT : BAYER CORPORATION OF 100 BAYER ROAD PITTSBURGH,
PENNSYLVANIA 15205, UNITED STATES OF AMERICA.

INVENTORS : 1. DUMAS JACQUES,
2. KHIRE UDAY,
3. LOWINGER TIMOTHY BRUNO,
4. PAULSEN HOLGER
5. RIEDL BERND,
6. SCOTT WILLIAM JOHNSON,
7. SMITH ROGER ASBURY,
8. WOOD JILL ELIZABETH,
9. HATOUM-MOKDAD HOLIA,
10. JOHNSON JEFFREY,
11. REDMAN ANIKO,
12. SIBLEY ROBERT,

INTERNATIONAL :
APPLICATION NO PCT/US 98/26082 DATED 22/12/1998

INDIAN :
APPLICATION NO. IN/PCT/2000/00151/MUM DATED 04.07.2000

PRIORITY NO. 08/996, 181 Dated 22/12/1997 OF U.S.A.

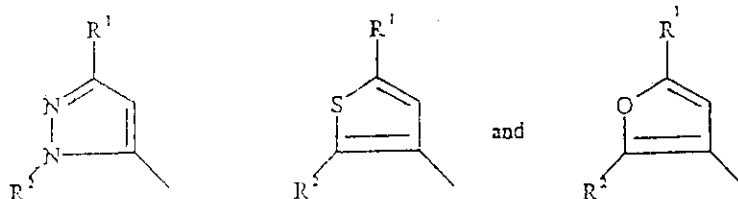
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,
PATENTS RULES, 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

15 CLAIMS

1. A process for preparing a compound of Formula I by reaction of a heteroaryl amine of the formula H_2N-A with from 1 to 2 molar equivalents of an aryl isocyanate of the formula $B-NCO$ within an inert solvent in a known manner



10 wherein A is a heteroaryl selected from the group consisting of



Wherein R^1 is selected from the group consisting of C_3 - C_{10} alkyl, C_3 - C_{10} cycloalkyl, up to per-halosubstituted C_1 - C_{10} alkyl and up to per-halosubstituted C_3 - C_{10} cycloalkyl:

B is a substituted or unsubstituted, up to tricyclic, aryl or heteroaryl moiety of up to 30 carbon atoms with at least one 5- or 6-member aromatic structure containing 0-4 members of the group consisting of nitrogen, oxygen and sulfur, wherein if B is a substituted group, it is substituted by one or more substituents independently selected from the group consisting of halogen, up to per-halosubstitution, and X_0 ,

Wherein n is 0-3 and each X is independently selected from the group consisting of $-CN$, $-CO_2R^5$, $-C(O)NR^5R^5$, $-C(O)R^5$, $-NO_2$, $-OR^5$, $-SR^5$, $-NR^5R^5$, $-NR^5C(O)OR^5$, $-NR^5C(O)R^5$, C_1 - C_{10} alkyl, C_2 - C_{10} alkenyl, C_1 - C_{10} alkoxy, C_3 - C_{10} cycloalkyl, C_6 - C_{14} aryl, C_1 - C_{24} alkaryl, C_3 - C_{13} heteroaryl, C_4 - C_{23} alkheteroaryl, substituted C_1 - C_{10} alkyl, substituted C_2 - C_{10} alkenyl, substituted C_1 - C_{10} alkoxy, substituted C_3 - C_{10} cycloalkyl, substituted C_4 - C_{23} alkheteroaryl and $-Y-Ar$,

Where X is a substituted group, it is substituted by one or more substituents independently selected from the group consisting of $-CN$, $-CO_2R^5$, $-C(O)R^5$, $-C(O)NR^5R^5$, $-OR^5$, $-SR^5$, $-NR^5R^5$, $-NO_2$, $-NR^5C(O)R^5$, $-NR^5C(O)OR^5$, and halogen up to per-halosubstitution:

Wherein R^5 and R^5 are independently selected from H, C_1 - C_{10} alkyl, C_2 - C_{10} alkenyl, C_3 - C_{10} cycloalkyl, C_6 - C_{14} aryl, C_3 - C_{13} heteroaryl, C_7 - C_{24} alkaryl, C_4 - C_{23} alkheteroaryl, up to per-halosubstituted C_1 - C_{10} alkyl, up to perhalosubstituted C_2 - C_{10} alkenyl, up to per-halosubstituted C_3 - C_{10} cycloalkyl, up to per-halosubstituted C_6 - C_{14} aryl and up to per-halosubstituted C_3 - C_{13} heteroaryl,

Wherein Y is $-O-$, $-S-$, $-N(R^5)-$, $-(CH_2)_m-$, $-C(O)-$, $-CH(OH)-$, $-(CH_2)_mO-$, $-NR^5C(O)NR^5R^5-$, $-NR^5C(O)-$, $-C(O)NR^5$, $-O(CH_2)_m-$, $-(CH_2)_mS-$, $-(CH_2)_mN(R^5)-$, $-O(CH_2)_m-$, $-CHX^2-$, $-CX^2_2-$, $-S(CH_2)_m-$ and $-N(R^5)(CH_2)_m-$,

$m = 1-3$, and X^2 is halogen; and

Ar is a 5-10 member aromatic structure containing 0-2 members of the group consisting of nitrogen, oxygen and sulfur which is unsubstituted or substituted by halogen up to per-halosubstitution and optionally substituted by Z_{n1} , wherein $n1$ is 0 to 3 and each Z is independently selected from the group consisting of $-CN$, $-CO_2R^5$, $-C(O)NR^5R^5$, $-C(O)NR^5$, $-NO_2$, $-OR^5$, $-SR^5$, $-NR^5R^5$, $-NR^5C(O)OR^5$, $-C(O)R^5$, $-NR^5C(O)R^5$, C_1 - C_{10} alkyl, C_3 - C_{10} cycloalkyl, C_6 - C_{14} aryl, C_3 - C_{13} heteroaryl, C_7 - C_{24} alkaryl, C_4 - C_{23} alkheteroaryl, substituted C_1 - C_{10} alkyl, substituted C_3 - C_{10} cycloalkyl, substituted C_7 - C_{24} alkaryl and substituted C_4 - C_{23} alkheteroaryl;

Wherein if Z is substituted group, it is substituted by the one or more substituents independently selected from the group consisting of $-CN$, $-CO_2R^5$, $-C(O)NR^5R^5$, $-OR^5$, $-SR^5$, $-NO_2$, $-NR^5R^5$, $-NR^5C(O)R^5$ and $-NR^5C(O)OR^5$, and

Wherein R^2 is C_6 - C_{14} aryl, C_3 - C_{14} heteroaryl, substituted C_6 - C_{14} aryl or substituted C_3 - C_{14} heteroaryl,

Wherein if R^2 is a substituted group, it is substituted by one or more substituents independently selected from the group consisting of halogen, up to per-halosubstitution, and V_n ,

Wherein n = 0-3 and each V is independently selected from the group consisting of $-CN$, $-CO_2R^5$, $-C(O)NR^5R^5$, $-OR^5$, $-SR^5$, $-NR^5R^5$, $-C(O)R^5$, $-OC(O)NR^5R^5$, $-NR^5C(O)OR^5$, $-SO_2R^5$, $-SOR^5$, $-NR^5C(O)R^5$, $-NO_2$, C_1 - C_{10} alkyl, C_3 - C_{10} cycloalkyl, C_6 - C_{14} aryl, C_3 - C_{13} heteroaryl, C_7 - C_{24} alkaryl, C_4 - C_{24} alkheteroaryl, substituted C_1 - C_{10} alkyl, substituted C_3 - C_{10} cycloalkyl, substituted C_6 - C_{14} aryl, substituted C_3 - C_{13} heteroaryl, substituted C_7 - C_{24} alkaryl and substituted C_4 - C_{24} alkheteroaryl,

Where if V is a substituted group, it is substituted by one or more substituents independently selected from the group consisting of halogen, up to per-halosubstitution, $-CN$, $-CO_2R^5$, $-C(O)R^5$, $-C(O)NR^5R^5$, $-NR^5R^5$, $-OR^5$, $-SR^5$, $-NR^5C(O)R^5$, $-NR^5C(O)OR^5$ and $-NO_2$;

Wherein R^5 and R^5 are each independently as defined above.

IND. CL. : 193478

INT. CL. : C 08 J 3 / 00

TITLE : A PROCESS OF MANUFACTURING MODIFIED PLASTIC RAW MATERIAL IN THE FORM OF GRANULES FOR PRODUCING A PLASTIC FILM HAVING PROPERTIES OF DEGRADING OR BURNING LIKE PAPER WITHOUT LEAVING ANY LUMPS OR RESIDUES.

APPLICANT & INVENTORS : SANJIV SATYENDRA NEVGI & SHAILA SANJIV NEVGI. FLAT NO. 5, SHIPLA APARTMENTS, 15TH LANE, SARDAR DABHADE ROAD, PRABHAT ROAD, PUNE 411 004, MAHARASHTRA, INDIA. BOTH INDIAN NATIONALS.

INTERNATIONAL APPLICATION NO : -----

INDIAN APPLICATION NO : 226 MUM 2000 DATED 16.03.2000

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

02 CLAIMS

A process of manufacturing modified plastic raw material in the form of granules for producing a plastic film having properties of degrading or burning like paper without leaving any lumps or residues comprising the following steps:

- a. compounding carbohydrates (15%) of corn, potato starches and Dextrin in equal proportion with conventional plastic processing additives (25%);
- b. constant stirring the compound obtained at step (a) at elevated temperature between 45 degree Centigrade to 50 degree Centigrade until to get a homogeneous blend;
- c. converting the blend obtained at step (b) into modified polyethene by adding a cross-linking additive and normal plastic granules (60%);
- d. granulating the product obtained at step (c) using granulation plant having a modified extruder having L/D ratio (length to diameter) 1:30 instead of 1:26 (conventional) resulting in a modified plastic granules.

IND. CL. : 80 D 193479

INT. CL. : B 01 D 24/ 00, 24/ 02, 24/36, 29/00,35/12

TITLE : A PARTICULATE BED PERMANENT MEDIA FILTER.

APPLICANT & INVENTORS : MILIND MADHAV VAIDYA , PLOT NO. 5, BLOCK NO. 6, ASHWINI APARTMENT, HAPPY COLONY, KOTHRUD, PUNE 411 029, MAHARASHTRA, INDIA. AN INDIAN NATIONAL.

INTERNATIONAL APPLICATION NO : -----

INDIAN APPLICATION NO. : 513 MUM 2000 DATED 02.06.2000

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

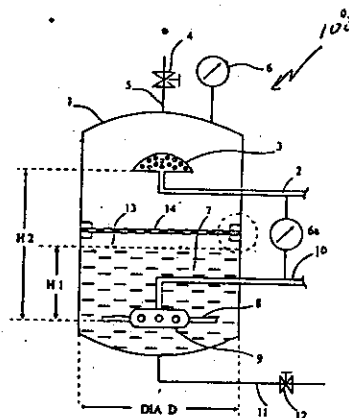
12 CLAIMS

A particulate bed permanent media filter consisting of :

- a pressure vessel defining a shell having
- a filter bed having packed therein particulate material having a particle size between 0.4mm and 2.99 mm constituting a filter bed;
- a diffuser connected to an inlet of the pressure vessel to ensure uniform diffused flow of liquid to be processed by the filter bed, said diffuser located operatively above the filter bed;
- a Collector-bowl assembly with a plurality of collector arms located operatively below the filter bed to receive filtered liquid and lead out of the pressure vessel;
- means to measure the pressure differential between the inlet and the outlet of the pressure vessel; and
- a perforated body displaceable in the operative vertical axis fitted and spaced apart from the operative top surface of the filter bed, wherein the perforations in the body are smaller than the smallest sized particle in the filter bed.

Comp.specn. 14 pages. Drawings: 02 sheets

1g



IND. CL. : 187 F 193480

INT. CL. : H 04 Q 7/38.

TITLE : METHOD FOR ROUTING AREA (RA) UPDATE.

APPLICANT : TELEFONAKTIEBOLAGET LM ERICSSON
SWEDISH COMPANY,
S- 126 25 STOCKHOLM,
SWEDEN.

INVENTORS 1. ATLE MONRAD
2. OLE JONNY GANGSOY

INTERNATIONAL APPLICATION NO : PCT/SE98/02254 DATED 08.12.1998

INDIAN APPLICATION NO. : IN/PCT/2000/0031/MUM DATED 10.05.2000

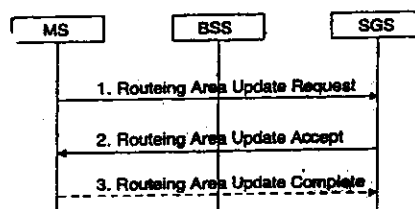
PRIORITY NO. : 199 75 783 DATED 09.12.1997 OF NORWAY.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,
PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

5 CLAIMS

Method for routing area (RA) update, in which RA update request messages in accordance with a time period broadcasted from the network are periodically sent from an mobile station (MS) to a service node, and which as a result of an RA update procedure will return an appropriate accept message, characterized in that for the purpose of simplifying said RA update procedure, there will be broadcasted a new indicator from the network together with the time period for the periodic routing updates, said indicator indicating whether the periodic routing update procedure is performed encrypted instead of unencrypted, the MS upon detecting said indicator is adapted to encrypt said RA update request messages and add said indicator in the outgoing message, or else perform a normal update procedure without encryption.

Comp.specn.: 10 pages Drawings – 2 – sheets.



Periodic SGSN Routing Area Update Procedure

IND. CL. : 193481

INT. CL. : G 01 V
G 08 B 13/14, 13/24

TITLE : RF IDENTIFICATION PROCESS AND APPARATUS

APPLICANT : TECSEC, INC. 1953
GALLOWS ROAD, SUITE 220,
VIENNA, VIRGINIA 22182,
U.S.A. AMERICAN CO.

INVENTOR C. JAY WACK

INTERNATIONAL : PCT/US99/00814 DATED 13.01.1999

APPLICATION NO

INDIAN : IN/PCT/2000/00148/MUM DATED 03.07.2000

APPLICATION NO.

PRIORITY NO. : 09/006,160 DATED 13.01.1998 OF U.S.A.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,
PATENTS RULES 2003), PATENT OFFICE BRANCH II, MUMBAI - 13.

23 CLAIMS

An RF identification system, comprising;
an identification tag having a unique RF signature;
a source for generating RF energy; and
a detector for reading the unique RF signature when the identification tag is
illuminated by the RF energy generated by the source.

Comp.specn.: 9 pages Drawings – 2 – sheets.

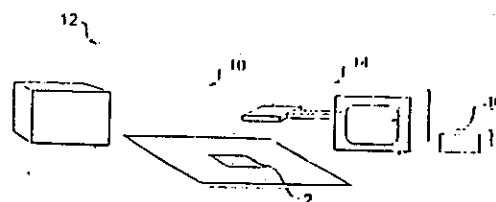


FIG. 2

Ind. Cl. : 105 B 193482
INT. CL. : G 01 B 3/02
TITLE : A SCALE FOR MACHINE TOOLS.
APPLICANT : PRAKASH KRISHNA RATNAPARKHI OF ELEKTRA
& HOUSE, 691/1A, PUNE-SATARA ROAD, PUNE 411 037,
INVENTORS MAHARASHTRA, INDIA. AN INDIAN NATIONAL.
INTERNATIONAL : -----
APPLICATION NO
INDIAN : 538 MUM 2000 DATED 12.06.2000
APPLICATION NO.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,
PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

04 CLAIMS

A scale for machine tools comprising an elongate extruded scale body on which a reader head is slidably mounted, a plate with gratings fixed within the base of the body optically aligned with an index plate fitted on the base of the reader head, said index plate being spaced apart from the plate with gratings, the relative displacement of the index plate with respect to the gratings adapted to generate an electrical signal received by an electronic signal processing circuit within the reader head which signal is processed and transmitted as a linear displacement signal to a remotely located counter characterized in that aligning means are provided for aligning the index plate to the plate with gratings in the operative configuration of the scale, said means including profiled bearing blocks fitted to the base of the reader head with the help of which the reader head is slidably displaceable in complementary formations in the elongate extrusion.

Comp.specn: 09 pages Drawings: 03 sheets

tg

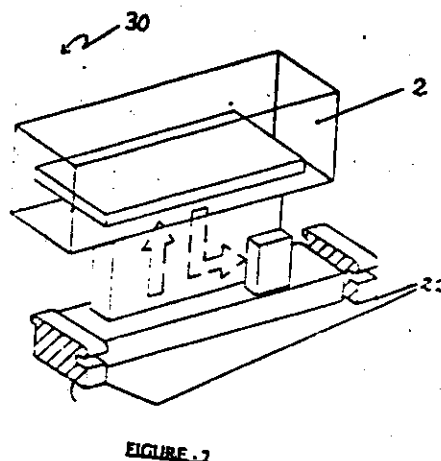


FIGURE 2

IND. CL. : 193483
 INT. CL. : G 06 F 17/20, H 04 N 009/74, 007/14

TITLE : A COMPUTER BASED TEACHER ASSISTED LEARNING APPARATUS FOR IMPARTING READING SKILLS.

APPLICANT : TATA CONSULTANCY SERVICES (A DIVISION OF TATA SONS LTD) AN INDIAN COMPANY OF BOMBAY HOUSE, SIR HOMI MODY STREET, MUMBAI 400 023, MAHARASHTRA, INDIA.

INVENTORS :
 1. KOHLI FAQIR CHAND
 2. NORI KESAV VITHAL
 3. MURTHY PILLUTLA NARSIMHA

INTERNATIONAL APPLICATION NO : -----
 INDIAN : 435 MUM 2000 DATED 11.05.2000
 APPLICATION NO. : Complete specification filed after provisional specification on 17.04.2001

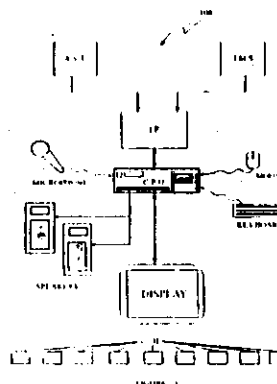
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

09 CLAIMS

A computer-based teacher assisted learning apparatus for imparting reading skills comprising:
 a central processing unit linked to an inputting device such as a keyboard, audio means and video display means;
 an instructor program means designed for at least one individual language and having stored therein at least one audio visual theme with a designed instructional material sequence which controls the operation of the audio visual theme adapted to be loaded into the central processing unit; controlling means to control the pace at which the theme will unfold through the audio and video output associated with the central processing unit;
 controlling means to control the pace at which the theme will unfold through the audio and video output associated with the central processing unit, the sequence in which it will unfold and the language in which it will unfold;
 selection means associated with the instruction program which will enable a teacher operating the central processing unit to select a theme for presentation to be displayed through the video output means and the sound component of which will be relayed through the audio output means to a learner group containing at least one learner;
 flash card or blocks provided to each member of the learner group having alphabets of a preselected language applied thereon which can be arranged to form words in the preselected language in response to audio or visual stimulus is given to the group of learners via the central processing unit which may be visual or audio;
 monitoring means available to the teacher operating the central processing unit to obtain a feedback of the arrangement response of the learner group to enable the teacher to use the controlling means to decide on the pace at which the unfolding of the theme can occur.

Prov.Specn.: 18 pages Drawing; 1 sheet
 Comp.Specn: 26 pages Drawing: 1 sheet

tg



IND. CL. : 32 F (2) (B) **193484**

INT. CL. : C 07 K 7/56

TITLE : A PROCESS FOR THE CONVERSION OF ECHINOCANDIN CLASS OF PEPTIDES TO THEIR C4-HOMOTYROSINE MONODEOXY ANALOGUES

APPLICANT : AVENTIS PHARMA DEUTSCHLAND GMBH (FORMERLY KNOWN AS HOESCHST MARION ROUSSEL DEUTSCHLAND GMBH)
BRUNINGSTRASSE 50, D-65929 FRANKFURT AM MAIN, GERMANY

INVENTOR : 1) TRIPTIKUMAR MUKHOPADHYAY
2) KENIA JAYVANTI
3) ERRA KOTESWARA SATYA VIJAYA KUMAR

INTERNATIONAL APPLICATION NO : PCT/EP99/02715 DATED 22/04/1999

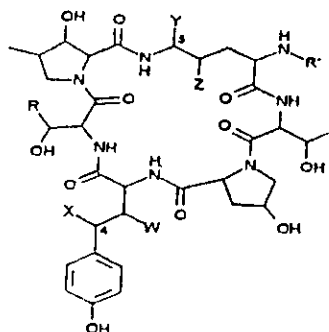
INDIAN APPLICATION NO : IN/PCT/2000/00412/MUM DATED 18/09/2000

PRIORITY NO. : 98107397.6 DATED 23/04/1998 OF EUROPE

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

05 CLAIMS

1) A process for the conversion of echinocandin class of peptides of the formula I:



wherein W, X, Y, Z, R, and R¹ are as defined herein below:

	<u>W</u>	<u>X</u>	<u>Y</u>	<u>Z</u>	<u>R</u>	<u>R</u> ¹
1. Echinocandin B	OH	OH	OH	OH	CH ₃	Linoleoyl
2. Pneumocandin A ₀	OH	OH	OH	OH	CH ₂ -CO-NH ₂	10,12-Dimethyl-myristoyl
3. Pneumocandin A ₁	OH	OH	OH	OH	CH ₂ -CO-NH ₂	"
4. Pneumocandin A ₂	OH	OH	OH	H	CH ₂ -CO-NH ₂	"
5. Pneumocandin B ₀	OH	OH	OH	OH	CH ₂ -CO-NH ₂	"
6. Pneumocandin B ₂	OH	OH	OH	H	CH ₂ -CO-NH ₂	"
7. Pneumocandin C ₀	OH	OH	OH	OH	CH ₂ -CO-NH ₂	"
8. Mulundocandin	OH	OH	OH	OH	H	12-Methyl-tetradecanoyl

to their C4-homotyrosine monodeoxy analogues of the formula I,
Wherein W, X, Y, Z, R and R¹ are as defined herein below:

	<u>W</u>	<u>X</u>	<u>Y</u>	<u>Z</u>	<u>R</u>	<u>R</u> ¹
1. Deoxyechinocandin B	OH	H	OH	OH	CH ₃	Linoleoyl
2. Deoxypneumocandin A ₀	OH	H	OH	OH	CH ₂ -CO-NH ₂	10,12-Dimethyl-myristoyl
3. Deoxypneumocandin A ₁	H	H	OH	OH	CH ₂ -CONH ₂	"
4. Deoxypneumocandin A ₂	OH	H	H	H	CH ₂ -CONH ₂	"
5. Deoxypneumocandin B ₀	OH	H	OH	OH	CH ₂ -CONH ₂	"
6. Deoxypneumocandin B ₂	OH	H	H	H	CH ₂ -CONH ₂	"
7. Deoxypneumocandin C ₀	OH	H	OH	OH	CH ₂ -CONH ₂	"
8. Deoxymulundocandin	OH	H	OH	OH	H	12-Methyl-tetradecanoyl

which consists of a single step selective reduction by hydrogenolysis with Raney nickel at pH 3-9 at room temperature of C4-htyr (homotyrosine) hydroxyl group of echinocandins to their monodeoxy analogues under neutral conditions without prior protection/deprotection of the equally facile C5-Orn (ornithine) hydroxyl group and purification of the monodeoxy compound from the crude reaction mixture

COMPLETE SPECIFICATION: 15 PAGES

DRAWINGS: NIL

IND. CL. : 170 D 193485

INT. CL. : C 11 D 11/00

TITLE : HARD SURFACE CLEANING COMPOSITION.

APPLICANT : HINDUSTAN LEVER LIMITED,
HINDUSTAN LEVER HOUSE, 165/166
BACKBAY RECLAMATION, MUMBAI - 400 020
MAHARASHTRA, INDIA. AN INDIAN COMPANY

INVENTOR 1. RAMAMURTHI SURESH.

INTERNATIONAL : -----
APPLICATION NO

INDIAN : 526 BOM 1999 DATED 26. 07 1999
APPLICATION NO.

COMPLETE SPECIFICATION FILED AFTER PROVISIONAL LEFT ON 25.07.2000

PRIORITY NO. : -----

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,
PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

15 CLAIMS

A hard surface cleaning composition free of builder comprising 5-25% wt of one or more surfactants wherein at least 60% of the surfactants is anionic having alkanolammonium counterions and which additionally comprise at least 2% of alkanolamine and have a pH of upto 12.

Prov. Specn. 16 pages

Drawings - Nil - sheets

Comp.specn.: 16 pages

Drawings - Nil - sheet

IND. CL. : 194 B 193486

INT. CL. : C 23 C 16/30

TITLE : AN APPARATUS FOR FORMING AN ANTIREFLECTION COATING ON A SUBSTRATE AND PROCESS THEREOF.

APPLICANT : INSTITUTE FOR PLASMA RESEARCH,
B - 15-17/P, SECTOR - 25,
GIDC, ELECTRONICSESTATE,
GHANDI NAGAR - 382 044, GUJARAT
INDIA.

INVENTOR 1. SUDHIR KUMAR NEMA
2. ASHISH CHAINANI.
3. PUCADYIL ITTOOP JOHN.

INTERNATIONAL : -----
APPLICATION NO

INDIAN : 302 BOM 1999 DATED 22.04. 1999
APPLICATION NO.

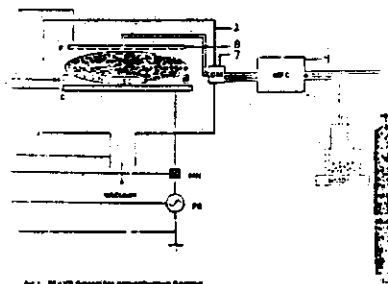
PRIORITY NO. -----

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS
RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

9 CLAIMS

An apparatus for depositing an anti reflection coating on a substrate preferably solar cell comprising a partial vacuum chamber having a port for creating the vacuum chamber a inlet for the gas mixing tank provided in one of the wall of the said vacuum, a pair of electrodes placed apart to accommodate the said substrate in the said partial vacuum chamber, a mass flow controller connected to the said gas mixing tank inlet of which is connected to the supply of organosilicone precursor gas and nitrogen gas, the inlet of said gas mixing tank in the said vacuum chamber connected to the upper electrode acting as multipoint gas feeder and biased by the means of power source, the lower electrode acting as cathode and a base plate for the said substrate connected to said power supply through a matching network, a pair of magnetic cusp based placed near the ends of the said base plate enabling the glow confined within the reaction zone and increasing the plasma density at lower pressure of $\sim 10^{-2}$ torr.

Comp.specn.: 10 pages Drawings - 1 - sheet.



IND. CL. : 99 E 193487

INT. CL. : B 65 D 43/10 41/48

TITLE : A TAMPER - CUM- LEAK PROOF CONTAINER

APPLICANT : HI-TECH PLAST CONTAINERS (INDIA) LTD AN INDIAN CO,
GUT NO. 939 & 940 NEGAR ROAD VILLAGE SANASWADI
TAL: SHIRUR DIST. PUNE MAHARASHTRA 412 208, INDIA.

INVENTORS : 1. BIBHU PRASAD BHUYAN

INTERNATIONAL APPLICATION NO

INDIAN APPLICATION NO. 390/BOM/1999 DATED 21.05.1999

PRIORITY NO.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,
PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

8 CLAIMS

A tamper-cum-leak proof container. Comprising of a container body closed at the bottom and open at the top end, the side wall of the said container body just below the extreme open end being provided with an outwardly and upwardly projecting rim, the upwardly extended wall of the said rim being provided with a weakened section to ensure tearing off on little pull and a pull tab with serration, the extreme open end of the said container body being provided with a special hook shaped profile all around its periphery, to act as a snap up lock against a groove, a container lid, provided with a special peripheral profile matching with the top open end profile of the said container body, the said lid profile consisting of an inner collar and an outer collar descending downwardly from the lid top, the said outer collar being provided with an inner top, the gap/passage between the said two collars alongwith the said inner step forming a groove for snap locking and sealing the said special hook shaped profiles at the extreme top open end of the container body on assembly. Keeping the lid collars concealed inside the container rim/body.

COMPLET SPECIFICATION -10 PAGES

DRAW 7 SHEETS

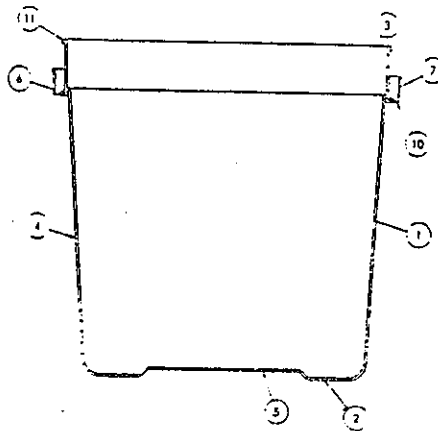


FIGURE NO. 1

IND. CL. : 194 C6 (a) 193488

INT. CL. : H 01 J 007/ 44

TITLE : CONVERSION KIT TO CHANGE THE FLUORESCENT LIGHTING UNITS FROM INDUCTIVE OPERATION TO ELECTRONIC OPERATION.

APPLICANT & INVENTORS : SHAH SURESH HIRALALL, 215, SHANTIKUTEER, MARINE DRIVE, NETAJI SUBHASH ROAD, MUMBAI 400 020, MAHARASHTRA, INDIA. AN INDIA CITIZEN

INTERNATIONAL APPLICATION NO : -----

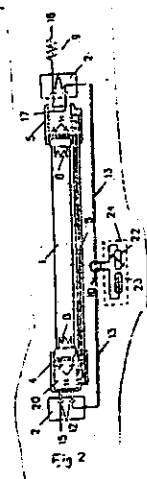
INDIAN APPLICATION NO. : 544 BOM 1999 DATED 04.08.1999

PRIORITY NO. : 19900889.2 DATED 12.01.1999 OF GERMANY.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

17 CLAIMS

Conversion kit to change the fluorescent lighting units from inductive operation to electronic operation, comprising a pair of sleeve-like adaptors which are adapted to be mounted at the ends of a straight fluorescent lighting tube, and a wiring assembly for electrically connecting the adaptors, the structural components forming the electronic ballast being mounted in one or both of the adaptors, or being mounted in the wiring assembly.



Comp.specn.: 15 pages,

Drawings: 02 sheets

tg

==ND. CL. : 179 E 193489

INT. CL. : B 65 D 41/04, 41/34

TITLE : AN OCTAGONAL CLINCHED DRUM TOP

APPLICANT & INVENTORS : SUDARSHAN MADHOPRASAD SARAF OF 30
RAJAT APARTMENT, MOUNT PLESANT ROAD,
MUMBAI 400 006, MAHARASHTRA, INDIA.
INDIAN NATIONAL.

INTERNATIONAL APPLICATION NO : -----

INDIAN APPLICATION NO. : 313 BOM 1999 DATED 26.04.1999

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,
PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

2 CLAIMS

An octagonal drum top comprising an octagonal plate (1) covering the flange (2), the said flange (2) curled over the neck (3) of the drum having inner threading (5), the drum top extending below the flange (2) at right angle; the said drum top being clinched (7) over the octagonal base of the flange, an octagonal sealing cap crimped over the flange and octagonal drum top a gasket (8) of resilient material preferably rubber provided in a leak proof manner in between the flange and the drum top preventing leakage at the time of sudden impact due to the dropping of the drum in any orientation.

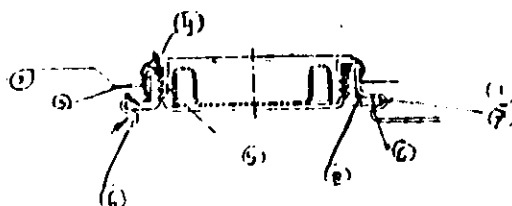


FIG. 3A

Comp. specn. 06 pages

Drawings: 06 sheets

Ind. Cl. : 49C
 Int. Cl. : A23N 7/00

193490

"AN IMPROVED FOOD PROCESSOR"

Applicant & Inventors : RAVINDRA RATNAKAR PHATAK OF PITRUCHHAYA COMPOUND, DAHANU, DISTT. THANE-401 601, MAHARASHTRA, INDIA. INDIAN NATIONAL

Application No. 296/BOM/1999 filed on 21st Apr. 1999.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 2003), Patent Office Branch, Mumbai-13.

02 Claims

An improved food processor (1) for peeling of the outer cover of vegetables and fruits comprising of a motor (2) with pullies (3, 4) driving spindle (5) positioned vertically with slotted spindle stem (6) provided with a corresponding holder (7) with blade (8) the said holder consisting of a hollow inner anchoring means which matches with the riges of the spindle stem (6) encompassing circular base (10) having a cylindrical top portion (11) with corrugation on its outer circumference for its better grip extending at the top with a circular top which is concave at the top having a central groove (14) forming seat of a guide pin (15) attached to a top cover (16) holding the blade holder firmly on the spindle stem characterized in that there are two duck-beak shaped cutter (17, 18) fixed to the circular base at top and bottom and positioned at 180° apart and the edge (19) of the blade is in the same direction, the said blades are made of soft plastic material for giving gentle thrashing action on the fruits/vegetables having multiple seeds with the cover so as to achieve peeling of the cover and whole seeds remaining well below the action of the blade; the said food processor provided with transparent bowl having a top cover and feeding means and a central cylinder accommodating the spindle stem for the holder to slide upward whenever pressure is felt below the blade.

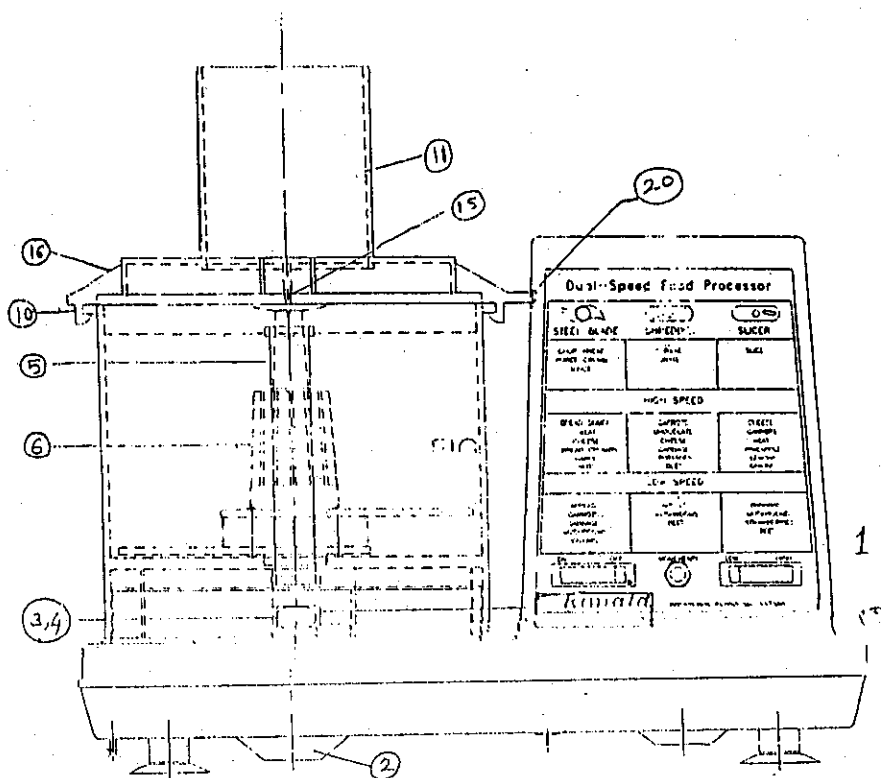


FIG. 1

IND. CL. : 76 C 193491
INT. CL. : E 05 C 17/00
TITLE : A DOOR HOLDING DEVICE.
APPLICANT : DINESH KEVALCHAND MEHTA & INDU DINESH MEHTA,
& 12-A, KEVAL MAHAL, 123, NETAJI SUBHAS ROAD,
INVENTORS (64, MARINE DRIVE), MUMBAI 400 020, MAHARASHTRA,
INDIA. BOTH INDIAN NATIONALS
INTERNATIONAL : -----
APPLICATION NO.
INDIAN : 418 BOM 1999 DATED 04.06.1999
APPLICATION NO.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,
PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

04 CLAIMS

A door holding device comprising of a base for fixing the said device on a mounting surfaces such as wall; a lock button mounted on a spring for gripping the button, a button to be fixed on the moving door panel in alignment with the lock button and a spring provided between the base and the lock button for giving the flexibility to the said device and for minimizing "bounce back" action of the door being locked onto the wall mounted portion of the device.

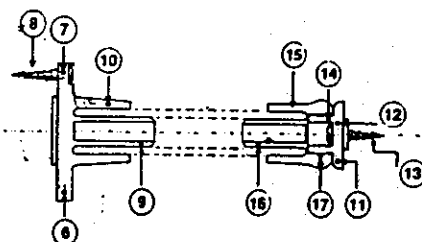


Fig. No.3

© 2003

Comp. specn. 5 pages

Drawings : 01 sheet

tg

IND. CL. : 28 C 193492
INT. CL. : B 05 B 1/304, F 23 D 11/26, 11/38
TITLE : METHOD FOR VARYING THE SWIRLING MOVEMENT
OF A FLUID IN THE SWIRL CHAMBER OF A NOZZLE,
AND A NOZZLE SYSTEM..
APPLICANT : SLOWIK, GUNTER AND KOHLMANN, JURGEN SLOWIK,
GUNTER & KOHLMANN, JURGEN OF KONIG-HEINRICH-
STRASSE 21 A, D-06217, MERSEBURG, GERMANY,
GERMAN NATIONAL.
INVENTORS 1. SLOWIK, GUNTER
2. KOHLMANN, JURGEN
INTERNATIONAL : PCT/EP 99/01726 DATED 17.03.1999
APPLICATION NO
INDIAN : IN/PCT/2000/00295/MUM DATED 14.08.2000
APPLICATION NO.
PRIORITY NO. : 19811736.1 DATED 18.03.1998 OF GERMANY

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,
PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

32 CLAIMS

A method for varying the swirling movement of a fluid in the swirl chamber (3) of a nozzle, the swirling movement not being coupled to the overall throughput of the fluid flow, and the total fluid flow (F_0) being subdivided into a plurality of sub flows (T_1 , T_2) which are led to the swirl chamber (3) via tangential feed conduits (4a, 4b, 4c, 4d) of the swirl chamber (3), characterized in that the sub flows (T_1 , T_2) are subdivided over feed conduits (4a, 4b, 4c, 4d) which differ in their cross-sectional surfaces at the connecting point to the swirl chamber (3), it being the case that upon subdivision of the sub flows (T_1 , T_2) over more than two tangential feed conduits (4a, 4b, 4c, 4d), the cross-sectional surfaces are formed from the sum of the cross-sectional surfaces of the feed conduits (4a, 4b, 4c, 4d) which branch off from the respective sub flow (T_1 , T_2) and the sums of the cross-sectional surfaces at the connecting point (S_1 , S_2) to the swirl chamber (3) of the respective sub flows (T_1 , T_2) therefore differ, and the subdivision of the individual tangential sub flows (T_1 , T_2 , T_3 , T_4), passing into the swirl chamber (3) is undertaken for the purpose of implementing different control possibilities during the operating state independently of throughput.

Comp. specn.: 29 pages

Drawing: Nil

tg

IND. CL. : 170 A + D 193493
INT. CL. : C 11 D 1/62, 1/835
TITLE : FABRIC SOFTENING COMPOSITION
APPLICANT : HINDUSTAN LEVER LIMITED,
HINDUSTAN LEVER HOUSE,
165/166, BACK BAY RECLAMATION,
MUMBAI, - 400 020 (MAHARASHTRA) An Indian Co.
INVENTORS : 1. SHIMEI FAN
INTERNATIONAL APPLICATION NO :
INDIAN APPLICATION NO. : 190/BOM /1999 DATED 17.03.1999
PRIORITY NO. 9806714. 3 Dt. 27.03.1998 of U.K.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,
PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

7 CLAIMS

A fabric softening composition comprising:

- a) From 1 to 8% by weight of one or more quaternary ammonium fabric conditioning compounds, at least one of the compounds having at least one ester link;
- b) A stabilizing agent selected from either:
 - (i) a nonionic surfactant or
 - (ii) a cationic surfactant defined by the formula

(R2-----N-----R3) X

Where R2 is a C10-22 hydrocarbon group, R3 is hydrogen or a C1-4alkyl or hydroxyalkyl group and X is a compatible counterion; or
(iii) or mixtures of (i) and (ii) and

- c) A fatty alcohol comprising a chain length of about 10 to 40 carbon atoms wherein the weight ratio of (c) : (b) is 3:1 or more.

Complete Specification – 19.

Drawing – NIL

IND. CL. : 129 J **193494**
INT. CL. : B 21 B 45/02
TITLE : METHOD FOR IMPROVING LUBRICATION IN ROLLING.
APPLICANT : OUTOKUMPU OYJ OF RIIHITONTUNTIE 7, FIN 02200 ESPOO,
FINLAND, A FINNISH PUBLIC LIMITED COMPANY.
INVENTORS : 1. HUTTUNEN KARI
2. KOMI JUKKA
3. LEVONMAA RAIMO
4. SAXLUND PENTTI
INTERNATIONAL APPLICATION NO : -----
INDIAN APPLICATION NO. : 524 MUM 2000 DATED 07.06.2000
PRIORITY NO. : 991362 DATED 14.06.1999 OF FINLAND

**APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,
PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.**

09 CLAIMS

An improved method of rolling an object having two essentially planar opposite main surfaces, each main surface having two opposite longitudinal edge regions and a longitudinal medial region between the edge regions, employing a rolling mill having working rolls defining a roll gap, said method including rolling the object in at least one rolling pass and applying lubricating medium to the object as the object enters the roll gap, wherein the improvement comprises:

applying lubricating medium to the edge regions of the main surfaces of the object during substantially the entire rolling pass, and

applying lubricating medium to the medial regions of the respective main surfaces of the object substantially only at beginning and end of the rolling pass,

whereby lubricating medium is applied over substantially the entire width of the main surfaces substantially only in end regions of the main surfaces.

Comp. specn. 13 pages

Drawings: 06 sheets.

tg

IND. CL. : 172 D3 **193495**
INT. CL. : B 65 H - 23/ 188, D 02 H - 13/24
TITLE : YARN TENSION DEVICE.
APPLICANT : SUCKER-MULLER-HACOBIA GMBH & CO., KREFELDER
 STRASSE 690, D- 41006 MONCHENGLADBACH, GERMANY,
 GERMAN COMPANY
INVENTORS : 1. HUBERT KREMER
 2. KARL-HEINZ KOHLEN
 3. GUNTER ALDER
INTERNATIONAL APPLICATION NO : -----
INDIAN APPLICATION NO. : 256 BOM 1999 DATED 05.04.1999
PRIORITY NO. : 29806739.0 DATED 15.04.1998 OF GERMANY

**APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,
 PATENTS RULES 2003) PATENT OFFICE BRANCH, MUMBAI - 13.**

10 CLAIMS

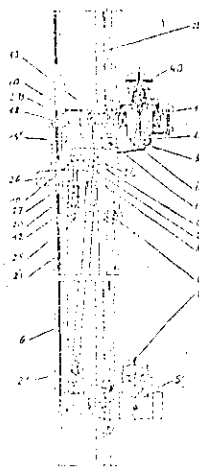
A yarn tension device for textile yarns running from bobbin creels the braking device comprising two pairs of brake discs through which the yarn runs, the brake discs comprising top and bottom discs adapted to be pressed together adjustably to tighten the through-passing yarn, a two-armed disc lever disposed beneath the pair of brake discs and adapted to influence pressure loads on each of said pairs of discs by means of a respective one of the lever arms, and a pressure setting equipment acting on the disc lever, wherein the two-armed disc lever is adapted to lift the bottom discs of the pairs of brake discs out of an operating position wherein substantially no pressure is exerted on the top discs and wherein the pressure setting equipment acts on the disc lever by means of a tilting lever that comprises attack sites, located at different distances from the disc lever, of an element generating a setting force, and wherein the pressure setting equipment has the tilting lever that is mounted on a frame and of limited pivotability thereon, and which with a first lever end engages the plate lever and by means of a second lever end is acted upon by the setting force, and

wherein the tilting lever second lever end has suspended there from, at a plurality of predefined locations on a free leg of the lever end, a tensioning that generates the setting force and by means of which a tipping moment is exerted on the plate lever.

Comp. specn. 18 pages

Drawings: 6 sheets

tg



IND. CL. : 207 [XLIII (6)] 193496

INT. CL. : B 44 C -05/ 04

TITLE : METHOD OF MAKING TEXTURED DECORATIVE LAMINATES.

APPLICANT : PREMARK RWP HOLDINGS, INC. 300 DELAWARE AVENUE, WILMINGTON, DELAWARE 19801, U.S.A. AN AMERICAN COMPANY.

INVENTORS : 1. YEIN MING LEE
2. DOROTHY H. PALMER

INTERNATIONAL APPLICATION NO : ----- - DATED -----

INDIAN APPLICATION NO. : 232 BOM 1999 DATED 30.03.1999

PRIORITY NO. : 09/092,480 DATED 05.06.1998 OF AMERICA.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES .2003), PATENT OFFICE BRANCH, MUMBAI - 13.

14 CLAIMS

A method of forming a textured decorative laminate comprising the steps of:

- a) forming a stack of two or more thermoplastic resin impregnated layers, with one of the resin impregnated layers being a top layer;
- b) positioning a polypropylene sheet having a textured surface with a pattern such that the textured surface is oriented adjacent the top layer, wherein the textured surface was formed in the polypropylene sheet during formation of the sheet, while the sheet was at a temperature above its softening point;
- c) applying heat and pressure to the stack and polypropylene sheet sufficient to impress the pattern into the top layer and form a decorative laminate with a textured finish.

IND. CL. : 32 A1, 32 F3d **193497**
INT. CL. : C 09 B 29/039, 43/06
TITLE : METHOD FOR PRODUCING 1,2-NAPHTHOQUINONE-2-DIAZIDE DERIVATIVE.
APPLICANT : TOYO KOSEI KOGYO CO.LTD. OF 1603 KAMIMYODEN
ICHIKAWA-SHI, CHIBA 272-0012, JAPAN, JAPANESE
COMPANY.
INVENTORS : 1. HIROTADA IIDA
2. NOBUHIRO YONEYAMA
3. SEIJU TOBISHIMA
4. TOSHIO ITAHANA
5. KUNIHICO KOJIMA
INTERNATIONAL APPLICATION NO : -----
INDIAN APPLICATION NO. : 394 BOM 1999 DATED 25.05.1999
PRIORITY NO. : 0166744 DATED 15.06.1998 **OF JAPAN**

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,
PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

08 CLAIMS

A method for producing a 1,2-naphthoquinone-2-diazide derivative, which method comprises bringing a 2-diazo-1-naphthalenesulfonic acid derivative into contact with an aqueous alkaline solution containing at least one substance selected from among iodine and iodine compounds, and optionally contains an oxidizing agent.

Comp. specn. 18 pages

Drawings: Nil

tg

IND. CL. : 127 A 193498
INT. CL. : F 16 D - 13/ 50, 003/ 06
TITLE : FRICTION CLUTCH.
APPLICANT : LUK LAMELLEN UND KUPPLUNGSBAU, BETEILIGUNGS
KG OF 77813 BUIHL/BADEN, GERMANY, GERMAN
COMPANY.
INVENTORS : (1) KARL-LUDWIG KIMMIG
(2) INGO SCHULZ
(3) MARTIN O'MAHONY
INTERNATIONAL : -----
APPLICATION NO
INDIAN : 757 BOM 1998 DATED 26.11.1998
APPLICATION NO.
PRIORITY NOS. : 19754537.8 DATED 09.12.1997 OF GERMANY.
19811936.4 DATED 19.03.1998 OF GERMANY

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,
PATENTS RULES 2003) , PATENT OFFICE BRANCH, MUMBAI - 13.

40 CLAIMS

A friction clutch for use in a power train, comprising:

a housing rotatable about a predetermined axis;

a pressure plate rotatable with and having a limited freedom of axial movement relative to said housing to thus effect an engagement or disengagement of the clutch;

at least one diaphragm spring operating between said housing and said pressure plate and assuming, at least in the engaged state of the clutch, a predetermine stressed condition which tends to vary in response to repeated engagement and disengagement and the resulting wear upon the clutch and in which the at least one diaphragm spring urges the pressure plate axially of and away from the housing;

means for compensating for said wear, including means for maintaining said at least one diaphragm spring at least close to said predetermined condition during an extended period of repeated engagement and disengagement of the clutch; and

means for promoting disengagement of the clutch, including energy storing resilient means for biasing said pressure plate toward said housing during disengagement of the clutch with a force which varies at least during disengagement of the clutch.

Comp.specn. 81 pages

Drawings: 08 sheets

IND. CL. : 127 A 193499

INT. CL. : F 16 D – 013/ 64

TITLE : CLUTCH PLATE

APPLICANT : LUK LAMELLEN UND KUPPLUNGSBAU BETEILIGUNGS KG
OF 77813 BUHL / BADEN, GERMANY, GERMAN COMPANY

INVENTORS (1) JURGEN BUSSE
(2) HANS-DIETER ELISON
(3) KRAFT GUNTHER
(4) STEFFEN LEHMANN
(5) ANDREAS RAIMANN
(6) WILLI RUDER
(7) MARTIN SCHINDLER
(8) MARIO THUMMLER
(9) ALBERT BIRK

INTERNATIONAL APPLICATION NO : -----

INDIAN APPLICATION NO : 745 BOM 1998 DATED 24.11.1998

PRIORITY NO. : 19756398.8 DATED 18.12.1997 OF GERMANY.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,
PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

42 CLAIMS

A clutch disc comprising:

- (a) a support rotatable about a predetermined axis;
- (b) two washer-like annular friction linings coaxial and rotatable with said support, said friction linings being movable relative to each other in the direction of said axis,
- (c) a resilient cushion disposed between said friction linings and arranged to bias said friction linings in the direction of said axis toward said first positions and to store energy during movement of said friction linings toward said second positions; and
- (d) means for blocking movements of said friction linings toward each other beyond said second positions.

Comp.specn. 58 pages

Drawings: 09 sheets

IND. CL. : 136 C 193500
INT. CL. : A 63 B 41/02
TITLE : AN IMPROVED INFLATABLE DECORATE ARTICLE
FOR ADVERTISEMENT.

APPLICANT : MR CHANDRAKANT MEGHJI SAVLA,
SMT. LILAVANTI CHANDRAKANT SAVLA,
MRS. BEENA DILIP GALA.
MR. LAXMICHAND MEGHJI SAVLA
MRS. HEMLATA DEVCHAND GALA,
MASTER VICKY MGHJI SAVLA
REPRESENTED BY HIS NATURAL GUARDIAN
LAXMICHAND MEGHJI SAVLA,
PARTNERS OF PANCHRATNA PLASTICS OF
SURVEY NO. 328/17, BEHIND CRICKET GROUND
VILLAGE : KACHIGAM, NANI DAMAN -396 210
UNION TERRITORY INDIA, INDIANS.

INVENTOR JAYESH CHANDRAKANT SAVLA.

INTERNATIONAL : -----

APPLICATION NO

INDIAN : 278 BOM 1999 DATED 15.04.1999

APPLICATION NO.

PRIORITY NO. :

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,
PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

9 CLAIMS

An improved inflatable decorative article for advertisement (1) comprising an inner layer (2) and an outer layer (3) which are heat welded in plurality of segments (4) provided with nozzle (5) supported on nozzle base member (7) for injecting air and a base (6) where the said inner layer (2) is provided with decorative designs or logos printed on the inner layer; the outer layer having different colour is inflatable by injection of air through the nozzle so as to give segmented decorative ball as a toy game where the decoration or the logo is clearly visible.

Comp.specn.: 10pages Drawings - 3 - sheets.

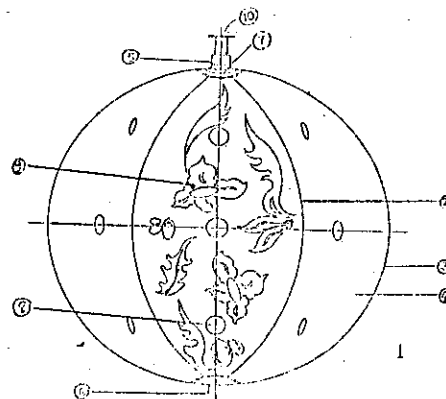


FIG. 1

In pursuance of leave granted Under Section 20(1) of the Patents Act, 1970 application No. 363/D/95 (190181) of INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation organized under the laws of the State of New York of New Orchard Road, Armonk, New York 10504, USA has been allowed to proceed in the name and address of "HITACHI GLOBAL STORAGE TECHNOLOGIES NETHERLANDS B.V., a corporation organized under the laws of the Netherlands of Locatellikade 1, Parnassustoren, 1076 AZ Amsterdam, The Netherlands."

APPLICATION UNDER SECTION 20(1) OF THE PATENTS ACT, 1970

In pursuance of leave granted Under Section 20(1) of the Patents Act, 1970, Patent Application No. 685/Del/95 (190275) in the name of Energy Research Corporation has been allowed to proceed in the name of "Fuel Cell Energy, Inc."

AMENDMENT UNDER SECTION 57 OF THE PATENTS ACT, 1970

In pursuance of leave granted Under Section 57 of the Patents Act, 1970, claim portion of the complete specification in respect of Patent Application No. 439/Cal/96 (188205) dated 12.03.1996 in the name of Quest International B.V. has been allowed to from 5 Claims to 3 Claims, Claims 3 and 4 being deleted voluntarily.

In pursuance of leave granted Under Section 57 of the Patents Act, 1970, the name of the Applicants in respect of Patent Application No. 379/Cal/96 (188436) dated 01.03.1996 have been allowed to amend from RXS Kabelgarnituren GmbH to RXS Gesellschaft für Vermögensverwaltung mbH, of Wittelsbacherplatz 2, D-80333 München, Germany.

OPPOSITION PROCEEDING (U/S.25)

An opposition entered by M/s. Bajaj Auto Limited, Pune to the grant of a Patent to the application No. 190014 (1153/Del/94) has been terminated and the application for patent has been ordered to proceed for sealing.

An opposition entered by M/s. Bajaj Auto Limited, Pune to the grant of a Patent to the application No. 190024 (1478/Del/94) has been terminated and the application for patent has been ordered to proceed for sealing.

An opposition entered by M/s. Bajaj Auto Limited, Pune to the grant of a Patent to the application No. 190026 (1484/Del/94) has been terminated and the application for patent has been ordered to proceed for sealing.

An opposition entered by M/s. Bajaj Auto Limited, Pune to the grant of a Patent to the application No. 190157 (1156/Del/94) has been terminated and the application for patent has been ordered to proceed for sealing.

An opposition entered by M/s. Bajaj Auto Limited, Pune to the grant of a Patent to the application No. 190182 (377/Del/94) has been terminated and the application for patent has been ordered to proceed for sealing.

RESTORATION UNDER SECTION 60 OF THE PATENTS ACT, 1970

Notice is hereby given that an application for restoration of Patent No. 178100 made by Vasu Kunjan Jothishlayam Bose on 09.08.2002 has been allowed and the said Patent is restored.

Notice is hereby given that an application for restoration of Patent No. 185818 made by Lesmark International, Inc. on 10.11.2002 has been allowed and the said Patent is restored.

CANCELLATION PROCEEDINGS UNDER SECTION 19 (1)

“An application in the name of M/s. Moldtek Technologies Limited for Cancellation of Registered Design No. 189184 was filed on 30.4.03 in class 09-07 in the name of M/s. BALMER LAWRIE-VAN LEER LIMITED.”

“An application for cancellation of the registration of Registered Design No. 194298 in Class 09-03 dated 15/1/2004 in the name of Bijay Kumar Agarwal, filed by Mauser Werke GmbH on 20/5/2004.”

“An application in the name of Spaceage Multiproducts (P) Ltd. for Cancellation of Registered Design No. 190479 was filed on 24.06.03 in class 21-02 in the name M/s. Kawachi Group.”

Patents Sealed on 18/06/2004 (KOLKATA)

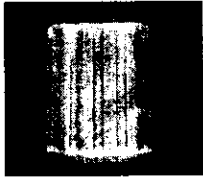
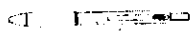
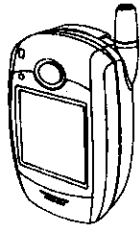
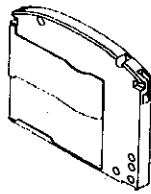
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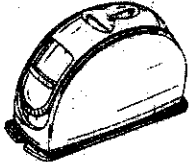
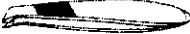


KOLKATA—20





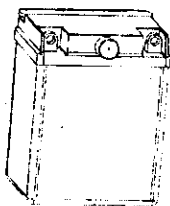
REGISTRATION OF DESIGNS

The following designs have been registered. They are open for public inspection from the date of registration. (Colour combination if any, is not shown in the representation)


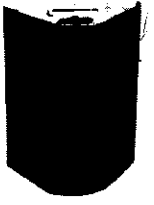
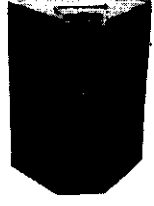

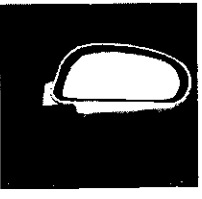
The dates shown in the following each entry is the date of registration.


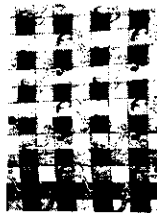
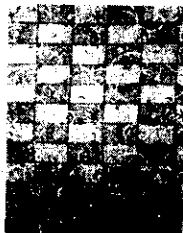
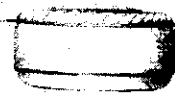

Class.	09-01	No.192482. M/S. MULTIPLAST, 28, ASHOK INDUSTRIAL ESTATE, L.B.S MARG, MULUND (W), MUMBAI: -400 080, MAHARASHTRA, INDIA. "BOTTLE CAP", 1 JULY 2003.	
Class.	19-06	No.192382. MERZ & KRELL GmbH & CO. KgaA, BAHNHOFSTRASSE 76, 64401 GROSS-BIEBERAU, GERMANY. "WRITING INSTRUMENT", 18 JUNE 2003.	
Class.	14-03	No.191608. KYOCERA CORPORATION, OF 6, TAKEDA TOBADONO-CHO, FUSHIMI-KU, KYOTO, 612-8501, JAPAN. "MOBILE PHONE", 20 SEPT. 2002. [PRIORITY JAPAN].	
Class.	14-99	No.192208. SONY KABUSHIKI KAISHA (ALSO TRADING AS SONY CORPORATION), OF 6-7-35 KITASHINAGAWA, SHINAGAWA-KU, TOKYO, JAPAN. "OPTICAL DISK CARTRIDGE", 28 NOV. 2002. [PRIORITY JANAN]	




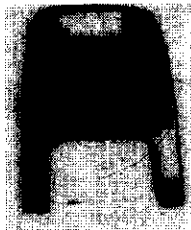

Class.	12-16	No.192149. GM DAEWOO AUTO & TECHNOLOGY CO LTD., REPUBLIC OF KOREA, 199-1 CHEONGCHEON-DONG, BUPYUNG-GU, INCHEON, KOREA. "HOOD PANEL FOR VEHICLE", 12 NOV. 2002. [PRIORITY REPUBLIC OF KOREA]	
Class.	08-05	No.188012. AMERICAN TOOL COMPANIES, INC., AT 2800 W. HIGGINS ROAD, SUITE 805, HOFFMAN ESTATE, ILLINOIS, U.S.A "LASER PROJECTION TOOL", 8 AUG. 2001. [PRIORITY U.S.A.]	
Class.	28-03	No.192202. TWEEZERMAN CORPORATION, A CORPORATION HAVING A PLACE OF BUSINESS AT 55 SEA CLIFF AVENUE, GLEN COVE, NEW YORK 11542- 3695 U.S.A. "CUTICLE NIPPER TWEEZER", 27 NOV. 2002 [PRIORITY U.S.A.]	
Class.	12-16	No.192142. GM DAEWOO AUTO & TECHNOLOGY CO LTD., REPUBLIC OF KOREA, 199-1 CHEONGCHEON-DONG, BUPYUNG-GU, INCHEON, KOREA. "EXHAUST MUFFLER FOR VEHICLE", 12 NOV. 2002. [PRIORITY REPUBLIC OF KOREA].	
Class.	12-16	No.192141. GM DAEWOO AUTO & TECHNOLOGY CO LTD., REPUBLIC OF KOREA, 199-1 CHEONGCHEON-DONG, BUPYUNG-GU, INCHEON, KOREA. "EXHAUST MUFFLER FOR VEHICLE", 12 NOV. 2002. [PRIORITY REPUBLIC OF KOREA].	






Class.	15-07	No.188616. OASIS CORPORATION, AT 265 NORTH HAMILTON ROAD, COLUMBUS, OHIO-43213, U.S.A. "BEVERAGE COOLER", 26 SEPT. 2001. [PRIORITY U.S.A.]	
Class.	12-16	No.189739. HONDA GIKEN KOGYO KABUSHIKI KAISHA OF 1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO, JAPAN. "REAR COMBINATION LAMP FOR A MOTORCYCLE", 13 FEB. 2002. [PRIORITY JAPAN].	
Class.	19-99	No.190668. MERZ & KRELL GmbH & CO. KgaA, BAHNHOFSTRASSE 76, 64401 GROSS-BIEBERAU, GERMANY. "COMPONENT FOR WRITING INSTRUMENT", 6 JUNE 2002 [PRIORITY GERMANY].	
Class.	24-02	No.188442. NOVASONICS, INC., A DELAWARE CORPORATION OF 1061 TERRA BELLA AVENUE, MOUNTAIN VIEW, CA 94043, U.S.A., "HANDHELD ULTRASONIC TRANSDUCER WITH BULB GRIP", 19 SEPT. 2001 [PRIORITY U.S.A.]	
Class.	13-02	No.192923. EXIDE INDUSTRIES LIMITED 59E, CHOWRINGHEE ROAD, CALCUTTA-700020, W.B., INDIA. "FLOODED, LEAK-RESISTANT MOTORCYCLE BATTERY", 18 AUG. 2003.	


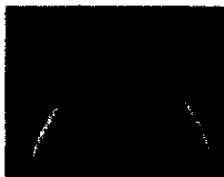



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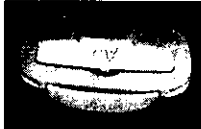
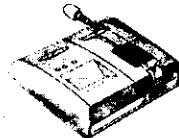


Class.	09-03	No.192679. THE TINPLATE COMPANY OF INDIA LIMITED, OF 4 BANKSHALL STREET, KOLKATA:-700001, W.B., INDIA. "CAN", 28 JULY 2003.	
Class.	09-03	No.192680. THE TINPLATE COMPANY OF INDIA LIMITED, OF 4 BANKSHALL STREET, KOLKATA:-700001, W.B., INDIA. "CAN", 28 JULY 2003.	
Class.	09-03	No.192678. THE TINPLATE COMPANY OF INDIA LIMITED, OF 4 BANKSHALL STREET, KOLKATA:-700001, W.B., INDIA. "CAN", 28 JULY 2003.	
Class.	26-05	No.192270. PARMAR TRADING COMPANY, BEHIND LASSI CYCLE, OPP: PARI NIWAS, SECTION 18, NEAR MATA MANDIR, ULHASNAGAR-421003, DIST. THANE, MAHARASHTRA, INDIA. "LAMP", 4 JUNE 2003.	
Class.	12-16	No.193318. M/S.C & C PRODUCTS, (AN INDIAN PROPRIETORSHIP FIRM), 152-A, DHAKKA VILLAGE, GTB NAGAR, DELHI:-110 009(INDIA). "SIDE VIEW MIRROR", 22 SEPT. 2003.	




Class.	05-05	No.194176. GOLDTEX FURNISHING INDUSTRIES, 78/1197, TRI NAGAR, DELHI-110035, INDIA. "TEXTILE FABRIC", 5 JAN. 2004.	
Class.	05-05	No.194175. GOLDTEX FURNISHING INDUSTRIES, 78/1197, TRI NAGAR, DELHI-110035, INDIA. "TEXTILE FABRIC", 5 JAN. 2004.	
Class.	05-05	No.194177. GOLDTEX FURNISHING INDUSTRIES, 78/1197, TRI NAGAR, DELHI-110035, INDIA. "TEXTILE FABRIC", 5 JAN. 2004.	
Class.	07-02	No.194023. AXIS IMPEX, A REGISTERED PARTNERSHIP FIRM, AT SHOP NO. 4, 83-85 DADY SHETH AGIARY LANE, MUMBAI-400002, MAHARASHTRA, INDIA. "CASSEROLE", 15 DEC. 2003.	
Class.	14-01	No.193129. SHURE INCORPORATED, A CORPORATION OF THE STATE OF ILLINOIS, OF 222 HARTREY AVENUE, EVANSTON, IL 60202-3696. U.S.A. "MICROPHONE ARM", 7 MARCH 2003. [PRIORITY U.S.A.],	

Class.	08-07	No.193119. M/S. SUPER INDUSTRIES, HAVING THEIR OFFICE AT C/55, INDRALOK, OLD NAGARDAS ROAD, ANDHERI (E), MUMBAI:-400 058, MAHARASHTRA, INDIA. "LOCK" (WINDOW PANES), 4 SEPT. 2003.	
Class.	21-01	No.193505. M/S. GIRNAR INTERNATIONAL, 18, KAMAL BUILDING, 1ST FLOOR, SWADESHI MARKET, SADAR BAZAR, DELHI-110006, (INDIA). "TOY", 16 OCT. 2003.	
Class.	21-01	No.193404. M/S. GIRNAR INTERNATIONAL, 18, KAMAL BUILDING, 1ST FLOOR, SWADESHI MARKET, SADAR BAZAR, DELHI-110006, (INDIA). "TOY", 8 OCT. 2003.	
Class.	21-01	No.193506. M/S. GIRNAR INTERNATIONAL, 18, KAMAL BUILDING, 1ST FLOOR, SWADESHI MARKET, SADAR BAZAR, DELHI-110006, (INDIA). "TOY"[CHAIR], 16 OCT. 2003.	
Class.	12-11	No.193382. HERO CYCLES LIMITED, HERO NAGAR, G.T. ROAD, LUDHIANA-141003, (PUNJAB), INDIA. "BICYCLE", 29 SEPT. 2003.	

Class.	28-03	No.193278. KINNARI EXPORTS, C-602, ADARSH GALAXY, ADARSH COMPLEX, MARVE ROAD, MALAD (W), MUMBAI-400064, STATE OF MAHARASHTRA (INDIA). "HAIR CLIP", 18 SEPT. 2003.	
Class.	28-03	No.193279. KINNARI EXPORTS, C-602, ADARSH GALAXY, ADARSH COMPLEX, MARVE ROAD, MALAD (W), MUMBAI-400064, STATE OF MAHARASHTRA (INDIA). "HAIR CLIP", 18 SEPT. 2003.	
Class.	13-03	No.193227. FEDERAL ELEKTRIK YATIRIM VE TICARET ANONIM SIRKETI NATIONALITY TURKEY, OF 1, ORGANIZE SANAYI BOLGESI HANLI BELDESI-SAKARYA/TURKEY. "CONDUCTOR", 15 SEPT. 2003.	
Class.	09-03	No.192611. SEAN FRANCIS FARRELL, NATIONALITY OF THE APPLICANT-IRISH, P.O. BOX 14559, LYTTTELTON, CENTURION-0140, SOUTH AFRICA. "CONTAINER", 17 JAN. 2003. [PRIORITY AUSTRALIA].	
Class.	12-11	No.193904. M/S. JOGINDER SINGH TEJVINDER SINGH OPP: DHANDARI RAILWAY STATION, DHANDARI KALAN, LUDHIANA, (PUNJAB) (INDIA). "CARRIER FOR BICYCLE", 28 NOV. 2003.	

Class.	28-03	No.193648. NEW RANPARA INDUSTRIES, 8, LATI PLOT, MORBI (GUJARAT) INDIA. "TONGUE CLEANER", 7 NOVEMBER 2003.	
Class.	28-03	No.193645. NEW RANPARA INDUSTRIES, 8, LATI PLOT, MORBI (GUJARAT) INDIA. "TONGUE CLEANER", 7 NOVEMBER 2003.	
Class.	09-07	No.193358. MAHAVIR PLASTIC, 302, SURABHI, S.V.P. ROAD, OPPOSITE CHAMUNDA CIRCLE BORIVALI(W), MUMBAI:-400 092, MAHARASHTRA, (INDIA). "CAP FOR CONTAINER", 29 SEPT. 2003.	
Class.	24-01	No.193305. DR. SUNIT SINGHI, PROFESSOR AND HEAD, PEDIATRIC EMERGENCIES AND INTENSIVE CARE UNITS, DEPARTMENT OF PEDIATRICS, ADVANCED PEDIATRICS CENTRE, A PC.PGI, SECTOR-12, CHANDIGARH -160012, PUNJAB. "MEDICAL INSTRUMENT", 23 SEPT. 2003.	
Class.	09-03	No.194315. PARLE AGRO PVT. LTD., WESTERN EXPRESS HIGHWAY, ANDHERI (EAST), MUMBAI:-400 099, MAHARASHTRA, INDIA. "CONTAINER", 20 JAN. 2004.	

Class.	03-01	No.193120. M/S. MALIK INDUSTRIES, HAVING THEIR OFFICE AT A-G/17, SARAF KASKAR INDL. ESTATE, S.V. ROAD, JOGESHWARI(W), MUMBAI:-400102, MAHARASHTRA, INDIA, "JEWELLERY BOX", 4 SEPT. 2003.	
Class.	07-02	No.194242. M/S. JAYSON INDUSTRIES, 389, OLD POST OFFICE, SADAR BAZAR, DELHI. "LUNCH BOX", 9 JAN. 2004.	
Class.	14-01	No.193131. SHURE INCORPORATED, A CORPORATION OF THE STATE OF ILLINOIS, OF 222 HARTREY AVENUE, EVANSTON, IL 60202-3696. U.S.A. "BASE OF CONFERENCE UNIT", 7 MARCH 2003. [PRIORITY U.S.A.].	
Class.	26-03	No.193497. GUPTA LAMP INDUSTRIES, 138, MOH. KOTLA GAILI NO. 9, FIROZABAD-283203, U.P. INDIA. "LIGHT FITTINGS", 20 OCT. 2003.	
Class.	02-04	No.193174. LIBERTY SHOES LIMITED, LIBERTY PURAM, 13 MILESTONE, GT KARNAL ROAD, KUTAIL, DT-KARNAL-132 001, HARYANA, INDIA. "SOLE FOR FOOTWEAR", 5 SEPTEMBER 2003.	

Class.	13-03	No.193231. FEDERAL ELEKTRIK YATIRIM VE TICARET ANONIM SIRKETI, NATIONALITY TURKEY, OF 1, ORGANIZE SANAYI BOLGESI HANLI BELDESI- SAKARYA/TURKEY. "SWITCHES", 15TH SEPT. 2003.	
Class.	13-03	No.193229. FEDERAL ELEKTRIK YATIRIM VE TICARET ANONIM SIRKETI, NATIONALITY TURKEY, OF 1, ORGANIZE SANAYI BOLGESI HANLI BELDESI- SAKARYA/TURKEY. "SWITCHES", 15TH SEPT. 2003.	
Class.	13-03	No.193224. FEDERAL ELEKTRIK YATIRIM VE TICARET ANONIM SIRKETI, NATIONALITY TURKEY, OF 1, ORGANIZE SANAYI BOLGESI HANLI BELDESI- SAKARYA/TURKEY. "SWITCHES", 15TH SEPT. 2003.	

Dr. S. N. MAITY
Controller General of Patents, Designs & Trade Marks